

Sanitized Copy Approved for Release 2011/04/08 :
CIA-RDP81-00280R000200090007-0

STAT

are Denied

Next 1 Page(s) In Document Denied

Sanitized Copy Approved for Release 2011/04/08 :
CIA-RDP81-00280R000200090007-0

DISSEMINATION FOR DEGREES IN SCIENCE AND ENGINEERING
DEFENDED AT USSR HIGHER EDUCATIONAL INSTITUTIONS (27/55)

Knizhnaya letopis'
[Book Register], No 27,
2 July 1955, Moscow.
Pages 96-133; 138.

PHYSICOMATHEMATICAL SCIENCES

For the Degree of Candidate in Sciences

AZIMOV, M. -- "Investigation of the Dielectric Permeability of Binary Liquid Systems in the Critical Region." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1955.

ARKHANGEL'SKAYA, V. M. -- "The Problem of the Limit of Natural Numbers of the 'Extratabular' Interval Representable as the Sum of Prime Components." Saratov State U imeni N. G. Chernyshevskiy. Saratov, 1955.

BARYKIN, M. P. -- "On the Fourier-Lebeg Coefficients of Functions of Two Variables." Min Higher Education USSR. Dnepropetrovsk State U imeni 300th Anniversary of the Unification of the Ukraine with Russia. Dnepropetrovsk, 1955.

BORISOVICH, Yu. G. -- "The Problem of Evaluating the Number of Critical Points of Functionals." Min Higher Education USSR. Kazan' State U imeni V. I. Ul'yanov-Lenin. Kazan', 1955.

BURGOVA, M. P. -- "A Study of the Infra-Red Absorption Band of CH-Oscillations of Chloroform, Bromoform, and Their Solutions." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.

BUKHARAYEV, R. V. -- "The Theory of Surfaces of 'Biaffinic' Space and the Theory of Congruences of Biaxial Space." Min Higher Education USSR. Kazan' State U imeni V. I. Ul'yanov-Lenin. Kazan', 1955.

VOLKOVA, L. A. -- "Investigation of the Swelling of Crystalline Polymers Using Roentgenography." Acad Sci USSR. Inst of High-Molecular Compounds. Leningrad, 1955.

VOLNINA, N. V. -- "On Fields with Expanded Groups of Polyhedrons." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.

GANZHIN, A. -- "Theoretical and Experimental Investigation of the Magnetic Field of a Broken Toroid." Moscow Order of Lenin State U imeni M. V. Lomonosov. Moscow, 1955.

GERCHINSKIY, R. -- "Some Topological Properties of Non-Linear Reflections in Functional Space." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Mechanics and Mathematics Faculty. Moscow, 1955.

DZHIHLADZE, E. A. -- "The Seismicity of the Greater Caucasus." Geophysics Inst, Acad Sci USSR. Moscow, 1955.

- ZHIVOGLYADOV, V. G. -- "On Certain Numerical Methods of Solving Systems of Linear Algebraic Equations, Their Adaptation to Other Calculations, and Errors Resulting from Rounding off in These Processes." Min Higher Education USSR. Kazan' State U imeni V. I. Ul'yanov-Lenin. Kazan', 1955.
- ZAV'YALOVA, I. N. -- "On the Theory of Structure of Intrusions Constructed on the Basis of a Face-Centered Cubic Lattice." Tomsk State U imeni V. V. Kuybyshev. Omsk, 1955.
- ZARIPOV, M. M. -- "The Theory of Fine and Superfine Structure of the Spectra of Paramagnetic Resonance." Min Higher Education USSR. Kazan' State U imeni V. I. Ul'yanov-Lenin. Kazan', 1955.
- KASHKAROV, V. P. -- "Some Auto-Model Current Movements of a Viscous Non-Compressible Liquid." Kazakh State U imeni S. M. Kirov. Physico-mathematical Faculty. Alma-Ata, 1955.
- KLINGER, V. G. -- "Investigation of the Radiation Exchange of Energy Using a Light Model." Kazakh State U imeni S. M. Kirov. Physico-mathematical Faculty. Alma-Ata, 1955.
- KUKHTIKOVA, T. I. -- "A Study of Dislocations in the Foci of Garm Oblast Based on Data from the Regional Network of Central Asia from 1952-1954." Acad Sci USSR. Geophysics Inst. Moscow, 1955.
- MAKLAKOV, A. I. -- "A Study of the Stability of Open Laminar Diffusion Flames." Kazan' State U imeni V. I. Ul'yanov-Lenin. Kazan', 1955.
- MASLENNIKOV, I. I. -- "Some Problems in the Operation of Actinometric Instruments, and Increasing the Precision of Actinometric Observations." Kazakh State U imeni S. M. Kirov. Alma-Ata, 1955.
- MDIVANI, O. M. -- "On the Theory of Regulation of Ternary Alloys." Tbilisi State U imeni I. V. Stalin. Tbilisi, 1955.
- MIKHAYLOVA, N. A. -- "Investigation of the Transfer of Solid Particles by a Turbulent Stream." Acad Sci USSR. Marine Hydrophysics Inst. Moscow, 1955.
- OVANDER, L. N. -- "The Dispersion of Light by Solutions in the Region Close to the Absorption Band." Min Higher Education USSR. Kiev State U imeni T. G. Shevchenko. Chair of Theoretical Physics. Kiev, 1955.
- ORLENKO, L. R. -- "Analysis of the Basic Factors Determining the Daily Oscillations in Temperature of the Ground Layer of the Atmosphere." Main Administration of the Hydrometeorological Service, Council of Ministers USSR. Main Geophysical Observatory imeni A. I. Voyeykov. Leningrad, 1955.
- OSTAPENKO, V. N. -- "Some Evaluations of the Solutions of Elliptic Equations and Their Application to the Investigation of the Precision of the EGDA Method." Acad Sci Ukrainian SSR. Inst of Mathematics. Kiev, 1955.
- PETUSHKOV, Ye. Ye. -- "Experimental Investigation of the Electrical Properties of Raw Cotton." Published by the Central Asia State U. Min Higher Education USSR. Central Asia State U imeni V. I. Lenin. Tashkent, 1955.

SANTALOVA, S. A. -- "Roentgenographic Investigation of the Fatigue Break-down of Steel Previously Cold-Worked by Grinding." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Experimental Physics. Leningrad, 1955.

SVESHNIKOVA, V. A. -- "Experimental Investigation of the Plastic Deformation of Metals with Complex Loads." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1955.

SOBEL'MAN, I. I. -- "Some Problems in the Theory of the Width of Spectral Lines." Acad Sci USSR. Physics Inst imeni P. N. Lebedev. Moscow, 1955.

TUKALOV, R. I. -- "Temperature Hysteresis of the Galvanomagnetic Effect in Nickel." Min Higher Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1955.

KHALILOV, A. Yu. -- "Investigation of the Electrical Properties of Certain Compounds of the Elements of Groups III and V." Acad Sci USSR. Leningrad Physicotechnical Inst. Moscow, 1955.

KHION, Ya. V. -- "Rings Normalized with the Aid of Polygroups." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1955.

TSYGANOK, N. F. -- "Roentgenographic Investigation of the Effect of Cold-Working on the Subsequent Development of Plastic Deformation." Min Education RSFSR. Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Experimental Physics. Leningrad, 1955.

CHAURSKIY, N. I. -- "The Photoconductivity and Photoelectronic Emission of F-Centers in KI and RbI." Rostov na Donu State U imeni V. M. Molotov. Rostov na Donu, 1955.

SHAMSHIN, M. I. -- "A Textbook on Higher Mathematics for Economic Vuzes." Published by the Acad Sci Uzbek SSR. Min Higher Education USSR. Tashkent Financial-Economic Inst. Tashkent, 1952.

CHEMICAL SCIENCES

For the Degree of Doctor in Sciences

OVCHARENKO, F. D. -- "The Hydrophilicity of Clay." Acad Sci Ukrainian SSR. Inst of General and Inorganic Chemistry. Kiev, 1955.

For the Degree of Candidate in Sciences

AKULOVICH, V. M. -- "Investigation of the Principal Resin Acids of the Ordinary Pine Using Optical Methods." Acad Sci Belorussian SSR. Department of Physicomathematical and Technical Sciences. Minsk, 1955.

ARBAYEV, S. A. -- "The Polytherm of Solubility of Sodium and Potassium Chlorides in Sucrose Solutions at 20-60 Degrees, and The Solid Phases." Acad Sci Kazakh SSR. Inst of Chemical Sciences. Frunze, 1955.

VALEYEVA, Z. Z. -- "The Parachors of Certain Simple and Complex Ethers." Min Higher Education USSR. Kazan' State U imeni V. I. Ul'yanov-Lenin. Sci Res Chemical Inst imeni A. M. Butlerov. Kazan', 1955.

- VOYLOSHNIKOVA, A. P. -- "Some Anode Methods of Amperometric Titration in the Analysis of Inorganic Substances." Acad Sci Kazakh SSR. Inst of Chemical Sciences. Alma-Ata, 1955.
- GASANOV, D. G. -- "Alkylation of Anthracene, Phenanthrene, and Their Technical Mixtures, Using Unsaturated Hydrocarbons." Min Higher Education USSR. Azerbaydzhan State U imeni S. M. Kirov. Baku, 1955.
- GINDLIN, V. K. -- "Investigation of the Effect of Light on the Anode Dissolution of Copper in Order to Study the Possibility of Preparing Engraving Plates with a Single Process." Min Higher Education USSR. L'vov State U imeni I. Franko. L'vov, 1955.
- GOROKHOVSKAYA, A. S. -- "Polarographic Determination of Pectinous Substances." Min Higher Education USSR. Central Asia Polytechnic Inst. Tashkent, 1955.
- DAVYDOVA, R. Z. -- "Investigation of the Exchange Adsorption of Anions on Synthetic Anionites." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy. Khar'kov, 1955.
- ZHABITSKIY, M. S. -- "The Sulfate-Stability of Portland and 'Gliezh' Portland Cements and the Factors behind It." Published by the Acad Sci Uzbek SSR. Acad Sci Uzbek SSR. Inst of Chemistry. Tashkent, 1955.
- IVANOV, A. N. -- "On the Adsorption of the Ions of Aluminum and Iron by Certain Argillaceous Minerals." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- KOBENIN, A. I. -- "Investigation of the Triaryl-Ethane Series." Min Higher Education USSR. Ivanovo Chemicotechnological Inst. Ivanovo, 1954.
- KURAKIN, A. N. -- "The Kinetics and the Mechanism of Iodization of Certain Aromatic Aminosulfonic Acids." Min Higher Education USSR. Ivanovo Chemicotechnological Inst. Ivanovo, 1954.
- MAGNARADZE, G. F. -- "Fluorine in Mineral and Plant Centers in Certain Parts of Georgia." Tbilisi State U imeni I. V. Stalin. Tbilisi, 1955.
- NEMIROV, G. V. -- "Sorption on Cellulose from Aqueous Solutions of Certain Salts." Min Higher Education USSR. Rostov State U imeni V. M. Molotov. Chair of Physical and Colloid Chemistry. Rostov na Donu, 1955.
- OLIFIRENKO, S. P. -- "The Breaking Down of Organic Antimony Compounds with Acid Chloroanhydrides and Alkyl Halides in the Presence of Aluminum Chloride." Min Higher Education USSR. L'vov State U imeni Ivan Franko. Chair of Organic Chemistry. L'vov, 1955.
- POZDNYAKOVA, N. I. -- "Investigation of the Dissolution of Steel in Organic Acids." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1955.
- PUZAKO, V. D. -- "Investigation of the Lower-Valence Compounds of Indium." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1955.

ROOT, L. A. -- "On Intermolecular Relations in Solutions of High Polymers." Min Higher Education USSR. Saratov State U imeni N. G. Chernyshevskiy. Saratov, 1955.

STEPNOVA, G. M. -- "The Synthesis and Investigation of Acyl Derivatives of Aminoantipyrine." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tomsk, 1955.

SULIMA, L. V. -- "Investigation of the Mechanism of Exchange of Hydrogen and Oxygen in Salts of Ammonia and the Phosphorus Acids, and the Tautomerism of the Latter." Acad Sci Ukrainian SSR. Inst of Physical Chemistry imeni L. V. Pisarzhevskiy. Kiev, 1954.

TKACHEV, Yu. D. -- "The Formation and Properties of Thin Films of Metallic Sulfides on the Surface of Solutions." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Chair of Physical and Colloid Chemistry. Sverdlovsk, 1955.

FRUMINA, N. S. -- "Investigation of the Oxidation-Reduction Indicators of the Diphenylamine Series." Saratov State U imeni N. G. Chernyshevskiy. Saratov, 1955.

YULDASHEV, F. -- "Investigation of the Alkaloids of Vinca erecta." Published by the Acad Sci Uzbek SSR. Acad Sci Uzbek SSR. Inst of Chemistry. Tashkent, 1955.

GEOGRAPHICAL SCIENCES

For the Degree of Doctor in Sciences

IVANOV, N. N. -- "Atmospheric Moisture in the Tropical and Adjacent Countries of the Earth's Surface." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Leningrad, 1955.

For the Degree of Candidate in Sciences

AVETISYAN, Kh. A. -- "The Artashat Region of the Armenian SSR (Economic-Geographic Characteristics)." Min Higher Education USSR. Yerevan State U imeni V. M. Molotov. Chair of Economic Geography. Yerevan, 1955.

BUTORIN, N. V. -- "Seasonal and Perennial Oscillations in the Mean Level of the Atlantic Ocean and Their Connection with the General Circulation of the Atmosphere." Min Maritime Fleet USSR. Leningrad Higher Engineering Maritime School imeni Admiral S. O. Makarov. Leningrad, 1955.

NAKONECHNYI, S. L. -- "The Limit of the Central-Polish Glaciation in Eastern Poland." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.

NIKITIN, G. A. -- "Vitebsk Oblast (Economic-Geographical Characteristics)." Latvian State U. Riga, 1955.

OREL, N. D. -- "The Physical-Geographic Characteristics of the West-Ukrainian Poles'ye." Min Higher Education USSR. L'vov State U imeni Ivan Franko. Chair of Physical Geography. L'vov, 1955.

STEBLIN-KAMENSKAYA, O. S. -- "Complex Maps." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Chair of Cartography. Leningrad, 1955.

SHCHERBAKOV, Yu. A. -- "Physicogeographical Regional Divisions of the Meshchera in Connection with the Problems of Agricultural Control." Moscow Order of Lenin State U imeni M. V. Lomonosov. Moscow, 1955.

GEOLOGICOMINERALOGICAL SCIENCES

For the Degree of Candidate in Sciences

BUBNOV, A. P. -- "Lithological Investigation of the Salt Stratum of the Bakhmut Basin." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy. Khar'kov, 1955.

BIOLOGICAL SCIENCES

For the Degree of Doctor in Sciences

KANCHAVELI, G. I. -- "Malaria Mosquitoes in Georgia and Methods of Rationalizing the Battle against Them." Tbilisi State U imeni I. V. Stalin. Tbilisi, 1955.

KUNEVICH, V. G. -- "Age Features of the Motor Apparatus under Normal Conditions and When Injured." Min Health RSFSR. Leningrad Sanitary-Hygiene Medical Inst. Leningrad, 1955.

UDEL'NOV, M. G. -- "Structural-Functional Principles of the Inhibiting Effect of the Nervous System, and the Nature of the Process of Inhibiting the Heart." Moscow Order of Lenin State U imeni M. V. Lomonosov. Chair of Animal Physiology. Moscow, 1955.

For the Degree of Candidate in Sciences

ALIYEV, D. A. -- "The Effect of Trace Elements on the Development and Yield of Wheat." Published by the Acad Sci Azerbaydzhan SSR. Acad Sci Azerbaydzhan SSR. Inst of Farming. Baku, 1955.

ASLANYAN, Sh. G. -- "The Plant Cover of Hay Fields and Pastures of the Artik and Aga Regions of the Armenian SSR and Their Economic Significance." Acad Sci Armenian SSR. Department of Biological Sciences. Yerevan, 1955.

BEZRUCHENKO, K. Z. -- "The Development of Early Varieties of Grapes (the European Species) under the Conditions of the Don River." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.

BOLOTNIKOVA, r. I. -- "Anti-Bacterial Preparations for Blood Preserved in Acid Solutions." First Moscow Order of Lenin Medical Inst. Moscow, 1955.

BORODINA, L. I. --- "The Pre-Imago Stages in the Development of Chewing Beetles (of the Family Agrotinae) Which Attack Crops in Tashkent Oblast (Comparative Morphological Survey, Geographical Distribution, and Affinity for Various Agricultural Crops)." Acad Sci Kazakh SSR. Inst of Zoology. Alma-Ata, 1955.

- BURYLOVA, V. A. -- "Problems of the Epidemiology of Helminthoses of Mine Workers in the City of Kizel." Molotov State Medical Inst. Molotov, 1955.
- VARGA, M. Ye. -- "Rhythmic-Inotropic Relations in Vagus Inhibition of the Heart." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Soil Biology Faculty. Moscow, 1955.
- VODOP'YANOVA, T. V. -- "Phytocenological Classification of the Pine Forests of the Crimea." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1955.
- VOLYA, G. S. -- "The Secretory, Absorptive, and Motor Functions of the Small Intestine of Sheep When Fed with Various Rations." Min Higher Education USSR. Odessa Agricultural Inst. Odessa, 1955.
- GABELASHVILI, N. I. -- "The Dynamics of Development of the Flowerbuds of Apricots and Pears." Published by the Acad Sci Georgian SSR. Acad Sci Georgian SSR. Inst of Botany. Tbilisi, 1955.
- GAZDAROV, V. M. -- "Age Changes in Protein of the Blood of Horses." Moscow Veterinary Academy, Min Higher Education USSR. Chair of Organic and Biological Chemistry. Moscow, 1955.
- GOLUBEVA, L. Ya. -- "Electrophysiological Analysis of Certain Types of Cortical Inhibition in the Rabbit." Inst of Higher Nervous Activity, Acad Sci USSR. Moscow, 1955.
- GUDOVICH, R. A. -- "On Methods of Quantitative Determination of the Protein in Blood Plasma and Serum." Tashkent State Medical Inst imeni V. M. Molotov. Tashkent, 1955.
- DYUZHNIKOV, A. T. -- "The Systematics and Ecology of Black-Back Herring." Saratov State U imeni N. G. Chernyshevskiy. Saratov, 1955.
- KETILADZE, K. Ye. -- "Material on the Chemical-Biological Characteristics of the Poisonous Principle of Tung." Georgian State Publishing House for Medical Literature. Tbilisi State Medical Inst. Tbilisi, 1955.
- KISELEVA, I. A. -- "The Biology and Epidemiological Significance of Anopheles maculipennis Var. sacharovi favre in Tashauz Oblast, Tadzhik SSR." Acad Sci Tadzhik SSR. Stalinabad, 1955.
- KONOPLEV, N. A. -- "The Effect of Various Complexes of External Factors (Temperature, Moisture, and Speed of Movement of the Air) on the Growth and Development of the Chick Embryo." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.
- KUTUBIDZE, M. Ye. -- "Results of Studying the Biology of the Galliformes of the Kartaliniya-Kakhetiya Plateau." Published by the Acad Sci Georgian SSR. Acad Sci Georgian SSR. Inst of Zoology. Tbilisi, 1955.
- LANDYSHEVSKAYA, A. Ye. -- "The Process of Infestation of the Reservoirs of the Canal imeni V. I. Lenin with Low-Value Fish in Connection with the Problems of Measures to Combat Them." Moscow Technical Inst of the Fish Industry and Economy imeni A. I. Mikoyan. Moscow, 1955.

- LAPUSHONOK, Yu. K. -- "The Amino-Acid Composition of Hens' Eggs and of Young Chicks after Incubation Depending on the Nutrition of the Hen and the Season of the Year." Acad Sci Lithuanian SSR. Inst of Biology. Vil'nyus, 1955.
- LEPEKHINA, L. M. -- "The Effect of Negative and Positive Aeroionization on the Work Capacity of Sportsmen in Performing Strength Exercises and Under Speed Loads." Leningrad State Order of Lenin Inst imeni A. A. Zhdanov. Leningrad, 1955.
- MITYAYEV, I. D. -- "Insects Harmful to Tamarisk in the Balkhash -- Ala-Kul Lowland." Acad Sci Kazakh SSR. Inst of Zoology. Alma-Ata, 1955.
- MIKHAYLOVSKAYA, L. A. -- "A Study of the Mechanism of the Antiketogenic Effect of Citric Acid." Inst of Biochemistry, Acad Sci Ukrainian SSR. Kiev, 1954.
- MOTORINA, M. V. -- "Some Physiological-Biochemical Aspects of the Grape Plant under the Conditions of Moscow Oblast." Moscow Order of Lenin in Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- NESHINA, A. N. -- "Physiological Investigations of the Cotton Plant in Connection with Water Conditions." Published by the Central Asia State University. Min Higher Education USSR. Central Asia State University imeni V. I. Lenin. Tashkent, 1955.
- ORDZHONIKIDZE, Ts. A. -- "The Effect of 'Dibazol' on Higher Nervous Activity." Published by the Acad Sci Georgian SSR. Inst of Physiology imeni I. P. Pavlov, Acad Sci USSR. Laboratory of the Physiology and Pathology of Higher Nervous Activity. Inst of Physiology imeni I. S. Peritashvili, Acad Sci Georgian SSR. Department of General Physiology. Leningrad-Tbilisi, 1955.
- PENYAZ', V. S. -- "Fish of the River Pripyat' and Their Economic Significance." Belorussian State U imeni V. I. Lenin. Minsk, 1955.
- POTSELUYEVA, V. A. -- "A Study of the Phenomena of Immunity in Cysticercosis of Rabbits." Acad Sci Kazakh SSR. Inst of Zoology. Alma-Ata, 1955.
- RUDENSKAYA, L. V. -- "The Permeability of the Chitin Cuticle of the Grubs of Ecologically Different Types of Insects." Moscow Veterinary Academy. Chair of Zoology. Moscow, 1955.
- SAMARIN, V. P. -- "The Plant Resources of the Central Regions of Chelyabinsk Oblast." Tomsk State U imeni V. V. Kuybyshev. Tomsk, 1955.
- SIKORSKAYA, K. V. -- "The Effect of Pure Plant-Fodder Protein on the Development of Minks." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.
- TARUSHKIN, O. V. -- "Electrophysiological Investigation of the Mechanisms of Immobilized Muscular Hypertonia and Contractions." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.
- TIMCHENKO, N. S. -- "A Study of the Effect of Mammocytotoxicoses and Mammolysates on the Milk Production of Nursing Mares." Min Higher Education. Kazan' State Veterinary Inst imeni N. E. Bauman. Ufa, 1955.

SHAPOSHNIKOVA, T. M. -- "The Content of Carotene and Vitamin C in the Fodder and Milk of Cows on Certain Farms in L'vov Oblast." Min Higher Education USSR. L'vov Zooveterinary Inst. L'vov, 1955.

SHIFMAN, A. S. -- "The Effect of the Temperature in the External Environment on the Consumption of Proteins by the Animal Organism." Min Higher Education. Kiev Veterinary Inst. Kiev, 1955.

TECHNICAL SCIENCES

For the Degree of Doctor in Sciences

BLAGOVESHCHENSKIY, S. N. -- "Some Problems in the Theory of Standardization of Ship Strength." Leningrad Shipbuilding Inst. Leningrad, 1955.

BUCHNEV, V. K. -- "Investigation of the Process of Drilling Holes, in Order to Intensify This Process and Increase Labor Productivity." Acad Sci USSR. Inst of Mining. Moscow, 1955.

BYCHKOV, P. G. -- "Experimental and Theoretical Determination of the Bearing Capacity of Prismatic Rods When Bent and When This is Complicated by Twisting." Central Sci Res Inst of Industrial Structures (TsNIPS). Moscow, 1955.

GAKKEL', Ye. Ya. -- "The Power Circuit of a Diesel Locomotive with Electric Drive." Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obraztsov. Leningrad, 1955.

DUBININ, N. P. -- "The Casting of Cast-Iron Machine-Building Parts in Metal Molds." Min Higher Education USSR. Moscow Order of Labor Red Banner Higher Technical School imeni Bauman. Moscow, 1955.

IVANNIKOV, D. G. -- "Methods of Increasing the Life Expectancy of Railroad Springs and Bumpers." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin (MIIT). Moscow, 1955.

LUGOVSKIY, S. I. -- "The Ventilation of Mine Shafts after Large Explosions." Min Higher Education USSR. Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst. Leningrad, 1955.

MIKHAYLOV, N. V. -- "New Structural Characteristics of Bitumen and Cement Based on Structural-Mechanical Properties." Acad Sci USSR. Inst of Physical Chemistry. Moscow, 1955.

REKACH, V. G. -- "The Calculation of Spherical Membranes." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.

ROYER, G. N. -- "The Theoretical Principles of Increasing the Effectiveness of Treating Ground with a Hydraulic Monitor." All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement. Moscow, 1955.

ROMANOV, V. A. -- "Problems in the Theory and Practice of Adjusting the Results of Mine-Survey Measurements." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Moscow, 1955.

SYROMYATNIKOV, N. I. -- "Investigation and Some Rational Methods of Burning Fine-Grained Fuel." Acad Sci USSR. Power Engineering Institute imeni G. N. Krzhizhanovskiy. Moscow, 1955.

UKHOV, B. S. -- "A Textbook for Construction Vuzes and Faculties Entitled 'The Organization and Planning of Construction'." Min Higher Education USSR. Leningrad Order of Labor Red Banner Construction Engineering Inst. Leningrad, 1955.

CHUDAKOV, D. A. -- "Principles of the Theory of Agricultural Machine Attachments." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1955.

For the Degree of Candidate in Sciences

ADOYAN, I. N. -- "Experimental Investigation of Automobile Hydromechanical Transmissions with Internal-Combustion Engines with Stabilized and Unstabilized Systems of Operation." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.

ADYLKHODZHAYEV, I. A. -- "The Stability of Isolated Foundations When Subjected to Horizontal Forces." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obrastsov. Leningrad, 1955.

ALEKSANDROV, N. F. -- "Investigation of the Effect of Certain Harmful Admixtures in Sand on the Properties of Cement Solutions and Concrete." Acad Sci Uzbek SSR. Inst of Structures. Tashkent, 1955.

ALEKSANDROV, O. A. -- "On the Effect of the Focusing Elements in the Optical Circuit of a Television System on the Sharpness of the Television Picture." Min Higher Education USSR. Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov (Lenin). Chair of Television. Leningrad, 1955.

AMBOKADZE, G. M. -- "Investigation of the Optimum Moment of Resistance to Rotation of the Conic Roller Bearings in the Reduction Gear in the Rear Axle of an Automobile." Min Higher Education USSR. Georgian Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tbilisi, 1955.

ANAKIN, I. A. -- "The Problem of the Causes of Clogging of the Conveyors of a Grain Combine under the Conditions of Western Siberia." Min Higher Education USSR. Chelyabinsk Inst of the Mechanization and Electrification of Agriculture. Novosibirsk, 1955.

ARUKYULA, Kh. Kh. -- "Determination of the Basic Elements of a System of Working the Estonian Oil Shale Deposit." Min Higher Education USSR. Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst. Leningrad, 1955.

ASTAF'YEV, V. Ya. -- "The Use of the Method of Electrical Conductivity for Investigating the Electrocrystallization of Metals on a Cathode." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.

AFANAS'YEV, K. I. -- "Problems in the Theory of Regulating Truck-Tractor Engines by Changing the Number of Strokes." Min Higher Education USSR. Moscow Order of Labor Red Banner Higher Technical School imeni Bauman. Tashkent, 1955.

- AKHMEDOV, Kh. A. -- "The Water Consumption of a Cotton-Sowing Gorkhoz Using a New System of Irrigation." Min Higher Education USSR. Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture (TIIMSKh). Tashkent, 1955.
- BAGAYEVA, V. A. -- "Investigation of the Location of Curves on Automobile Highways in Irrigated Regions." Min Higher Education USSR. Khar'kov Automobile and Road Inst. Khar'kov, 1955.
- BAGDASARYAN, Zh. A. -- "Certain Laws in the Circular Grinding of Metals." Min Higher Education USSR. Yerevan Polytechnic Inst imeni K. Marks. Yerevan, 1955.
- BAGUZIN, A. M. -- "Investigation of the Basic Processes of Extraction in Lava of Anthracite Mines in Order to Develop Technical Measures to Improve the Output of Large Types of Fuel." Min Higher Education USSR. Dnepropetrovsk Order of Labor Red Banner Mining Inst imeni Artem. Dnepropetrovsk, 1955.
- BARANOV, G. I. -- "The Problem of Improving the Use of the Locomotive Pool." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.
- BARANOV, N. D. -- "The Adhesion between a Caterpillar-Type Tractor and the Soil." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1955.
- BARONENKOV, A. V. -- "The Selection of a System of Operations for a Mine Enterprise with Respect to Time." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Moscow, 1955.
- BAKHMITOV, V. A. -- "Investigation of the Phenomenon of Sticking of the Working Parts of Soil-Cultivating Machinery and the Battle against It." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1955.
- BASHKIROV, M. V. -- "Problems of Joining the Threads of Fibrous Materials by Tying Knots." Min Higher Education USSR. Leningrad Textile Inst imeni S. M. Kirov. Leningrad, 1955.
- BEDNOV, A. I. -- "The Problem of Mechanization of Narrow-Row Sowing." Author's abstract of a dissertation presented at the Omsk Agricultural Inst imeni S. M. Kirov. Omsk, 1955.
- BELEVTSSEV, T. N. -- "Investigation of the Problem of Selecting an Effective System of Working the Strata of the Gorlovka C₂ Strata under the Conditions of the 'Stalinugol' Trust." Min Coal Industry Ukrainian SSR. "Stalinugol" Trust. Stalino, 1955.
- BEREZNITSKIY, I. Ye. -- "The Effect of Certain Synthetic Oxyethylene Derivatives of Phenol Mixed with Antiseptics on Short Flax Fibers." Min Higher Education USSR. Leningrad Textile Inst imeni S. M. Kirov. Chair of Organic, Physical, and Colloid Chemistry. Leningrad, 1955.
- BERTOK, F. A. -- "Investigation of an Asynchronous Motor with a Massive Rotor." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of Electrical Machines. Kiev, 1955.

- BERUCHEV, G. M. -- "Some Problems in the Theory of Interaction of Flood Currents with Equipment." Georgian Sci Res Inst of Hydraulic Engineering and Soil Improvement (GruzNIIGiM). Tbilisi, 1955.
- BESEDOVSKIY, A. I. -- "Multi-Speed Asynchronous Motors." Min Higher Education USSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1955.
- BLAVDZEVICH, G. N. -- "Investigation of the Operation of a Synchronous Generator with Ionic Self-Excitation with Asymmetrical Loads." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of Electrical Machinery. Kiev, 1955.
- BOGOSLOVSKIY, V. N. -- "Investigation of the Temperature-Moisture Conditions of the External Walls of Buildings Using the Method of Hydraulic Analogies." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- BOYDALOV, A. K. -- "Graphic Procedures of Solving Certain Problems of Spatial Mechanics." Min Higher Education USSR. Leningrad Order of Labor Red Banner Technological Inst imeni Leningrad Soviet. Chair of Descriptive Geometry and Graphics. Leningrad, 1955.
- BOYKOV, G. P. -- "Heating Bodies with Radiant Heat." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tomsk, 1955.
- BORISOVA, L. N. -- "Experimental Investigation of the Effect of Waves on Hydraulic-Engineering Structures of Inclined Type." Min Construction of Metallurgical- and Chemical-Industry Enterprises USSR. Technical Administration. All-Union Sci Res Inst of Water Supply, Sewerage, Hydraulic Structures, and Engineering Hydrogeology. Moscow, 1955.
- BORODAYEV, D. A. -- "Problems of the Measurement and Remote-Control Measurement of the Water-Level at Hydraulic-Engineering Structures." Min Higher Education USSR. Leningrad Inst of Precision Mechanics and Optics. Leningrad, 1955.
- BORODICH, M. K. -- "Some Problems in the Planning of Complex Bridges for Railroad Lines." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- VARAKSIN, V. A. -- "Problems of Rationalizing the Design and Technical Operation of Pressure Basins for Hydroelectric Power Stations." Min Higher Education USSR. Central Asia Polytechnic Inst. Tashkent, 1955.
- VATAZHINA, V. I. -- "The Effect of Vulcanization Accelerators on the Properties of Tire Rubbers Made from Butadiene-Styrene Rubber." Moscow Inst of Fine Chemical Technology imeni M. V. Lomonosov. Sci Res Inst of the Tire Industry. Moscow, 1955.
- VESELKOVA, K. S. -- "Investigation of the Strength of Screw Threads under the Action of Variable Loads (Applied to Hoisting Machinery)." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Chair of Hoisting and Transport Machinery. Sverdlovsk, 1955.

VILKOV, K. I. -- "Investigation of the Hardness and Fissure Formation of Curved Reinforced-Concrete Parts of T and I Cross Section." Min Higher Education USSR. Gor'kiy Construction Engineering Inst imeni V. P. Chkalov. Chair of Reinforced Concrete and Stone Structures. Gor'kiy, 1955.

VYZHIGIN, S. P. -- "Analysis of the Operation of Experimental Drilling Equipment (ZIF-1200 and ZIF-650) for Deep-Column Drilling." Min Higher Education USSR. Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin. Moscow, 1955.

GADIYEV, S. G. -- "The Technology of Modern Exploitation of Maritime Deep-Pump Directed and Two-Column Oil Wells and Methods of Perfecting It." Acad Sci USSR. Inst of Petroleum. Moscow, 1955.

GAZIYEV, Kh. K. -- "Planning the Water-Distribution Parts in Transferring to a New System of Irrigation under the Conditions of the Chuya Valley, Kirgiz SSR." Min Higher Education USSR. Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture. Frunze, 1955.

GALKIN, S. R. -- "Investigation of the Operation of Locomotive Syphons." Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obraztsov. Leningrad, 1955.

GANIYEV, M. S. -- "Investigation of the Roller Working Parts of 'Kurak'-Harvesting Machines." Min Higher Education USSR. Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture. Tashkent, 1955.

GAO TSZYA-TSZYUY -- "Investigation of the Effect of Passenger Trains on the Carrying Capacity of Railroad Runs and the Commercial Velocity of Freight Trains." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.

GLAZAMITSKAYA, S. M. -- "Strengthening Cord by Graduated Extension with Diminishing Loads." Min Higher Education USSR. Leningrad Textile Inst imeni S. M. Kirov. Leningrad, 1955.

GO TSI-GUAN -- "Problems of Regulating Water Currents in Hydraulic Centers and Methods of Calculating Them." Min Higher Education USSR. Moscow Inst of Water Economy Engineers imeni V. R. Vil'yams. Moscow, 1955.

GOLGER, L. I. -- "Investigation of the Effect of Metal Equipment on Insulin in the Production of This Substance." Min Higher Education USSR. Leningrad Technological Inst of the Refrigeration Industry. Leningrad, 1955.

GOLOVANENKO, S. A. -- "Investigation of the Plasticity and Temperature Conditions of the Hot-Working with Pressure of Spring-Steel Alloys." Min Higher Education USSR. Moscow Order of Labor Red Banner Inst of Steel imeni I. V. Stalin. Moscow, 1955.

GOLOSHCHAPOV, A. P. -- "The Mechanisms of Rapid Transfer on Metal-Cutting Machine Tools." All-Union Correspondence Polytechnic Inst. Moscow, 1955.

- GOLUBEV, N. M. -- "New Forms of the Organization of Labor Developed in the Textile Industry since the War." Min Higher Education USSR. Moscow Textile Inst. Moscow, 1955.
- GOL'DICH, Yu. L. -- "Some Problems of the Autooscillation of Relay Systems for Automatic Regulation." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.
- GRACH'YAN, A. N. -- "Investigation of the Process of Refining Cement Cinders by Rapid Cooling in Water." Min Higher Education USSR. Novocherkassk Polytechnic Inst imeni Sergo Ordzhonikidze. Chair of Cement Technology. Novocherkassk, 1955.
- GROMOV, L. I. -- "Calculation of the Circular Hydro-Insulating Membrane of a Tunnel Taking into Account the Elastic Resistance of the Insulation." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.
- GROKHOL'SKIY, A. L. -- "Model Measurements of Capacity of Primary Discharge (From 10 to 0.0001 pf for Audio Frequencies)." Commission on Standards, Measures, and Measuring Instruments, Council of Ministers USSR. All-Union Sci Res Inst of Metrology imeni D. I. Mendeleev. Leningrad, 1955.
- GRUSHKO, G. S. -- "The Distribution of Voltages around Apertures in the Form of a Semi-Circle." Min Higher Education USSR. Khar'kov Construction Engineering Inst. Khar'kov, 1955.
- GUREVICH, D. F. -- "Investigation of Changes, Resulting from Wear, in the Hydraulic Tightness of Plunger Pairs of the Fuel Pump of a Diesel Engine for the DT-54 Tractor." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1955.
- GUSEV, V. A. -- "Investigation of the Establishment and Development of Descriptive Geometry in Russia in the 19th Century." Min Higher Education USSR. Moscow Automotive Mechanics Inst. Moscow, 1955.
- GYUL'KHANDANYAN, V. G. -- "Investigation of Certain Problems of the Power Balance and Coefficient of Useful Effect of Lathes." Min Higher Education USSR. Yerevan Polytechnic Inst imeni K. Marks. Yerevan, 1955.
- DIBROV, G. D. -- "Investigation of the Properties of the 'Gypsum-Pitch' System." Min Higher Education USSR. Novocherkassk Polytechnic Inst imeni S. Ordzhonikidze. Novocherkassk, 1955.
- DOLGACHEV, F. M. -- "Instruments and Methods of Measuring Certain Physical and Hydrodynamic Parameters of a Hydraulic Mixture." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- DOLMATOV, R. G. -- "Asymmetrical Systems of Operating Large Synchronous Hydraulic Generators (Generator-Phase Asymmetry)." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1954.
- DOROKHIN, L. M. -- "Increasing the Service Life of Piston Rings for the D-50 Diesel Locomotive." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.

- DROZDOVICH, V. N. -- "Investigation of Fluid Supports for Gyroscopic Instruments." Min Higher Education USSR. Leningrad Inst of Precision Mechanics and Optics. Leningrad, 1955.
- DUNIN-BARKOVSKIY, L. V. -- "Problems of the Methodology of Planning Water-Economy Measures for the Modern Complex Utilization of the Water and Land Resources of Neighboring River Basins (On the Example of the Basins of the Zeravshan and Kashka-Dar'ya Rivers)." Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture. Tashkent, 1955.
- YEMELIN, M. I. -- "Investigation of a Method of Overall Milling of Bodies of Rotation." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1955.
- YEMEL'YANOV, Yu. D. --- "Geophysical Methods of Determining the Elements of Stratification of Deposits Based on Observations in Small-Diameter Oil Wells." Min Petroleum Industry USSR. Glavneftegeofizika [Main Petroleum Geophysical Office]. Sci Res Inst of Geophysical Methods of Prospecting (NIIGR). Moscow, 1955.
- YEREMENKO, V. V. -- "The Structural-Mechanical Properties of Uzbekistan Ceramic Raw Materials." Acad Sci Uzbek SSR. Inst of Structures. Tashkent, 1955.
- YERSHOVA, K. N. -- "Non-Metallic Inclusions in the Steel of Certain Parts for Railroad Structures and Their Effect on Metal in Plastic Deformation." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1955.
- ZHULAYEV, A. Zh. -- "The Process of Cooling of Non-Freezing Streams (Mountain Rivers)." Acad Sci Kazakh SSR. Inst of Power Engineering. Alma-Ata, 1955.
- ZHUNUSOV, T. Zh. -- "Investigation of Reinforced-Concrete Structures Reinforced with Hot-Worked Steel of Large-Diameter Periodic Profile." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- ZAV'YALOV, L. N. -- "Investigation of the Hot-Drilling of Holes Using an Oxygen Torch." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Moscow, 1955.
- ZAPARA, S. A. -- "Investigation of the Effect of Stepwise Movement of Hydraulic Monitors and the Height of the Cutting Face on the Effectiveness of Hydraulic-Monitor Earth-Pumping Work." Min Higher Education USSR. Dnepropetrovsk Order of Labor Red Banner Mining Inst imeni Artem. Dnepropetrovsk, 1955.
- ZAKHAROV, A. A. -- "Problems of Automatic Repeated Switching-In of Lines with Bilateral Supply under the Conditions of Local Power Systems." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1955.
- ZAKHARYAN, R. O. -- "Errors in Grinding Spiral Drills and Their Effect on the Drilling Process." Min Higher Education USSR. Yerevan Polytechnic Inst imeni K. Marks. Yerevan, 1955.

- ZOTOV, B. Ye. -- "Free Oscillations of Linearly Compressed Girders." Min Higher Education USSR. Saratov Automobile and Road Inst imeni V. M. Molotov. Saratov, 1955.
- ZYUZIN, A. S. -- "The Effect of Lateral Refraction on the Precision of Measurement of Horizontal Angles under the Conditions of Building Sites." Min Higher Education USSR. Belorussian Polytechnic Inst imeni I. V. Stalin. Chair of Geodesy. Minsk, 1955.
- IVANOV, A. S. -- "The Measurement of Wood Hardness by Wedge Shock." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.
- IL'IN, K. P. -- "Investigation of the Causes of Inaccuracy and Inconsistency in the Readings of Freight-Car Weights." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1955.
- ISMAILOV, Sh. Yu. -- "Investigation of Watt Meters with Valve Transformers for Remote Power Measurement." Min Higher Education USSR. Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov (Lenin). Leningrad, 1955.
- KAASIK, P. Yu. -- "Investigation of Supplemental Dispersion and Supplemental Losses in the Loading of Asynchronous Machinery." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.
- KANEYEV, I. V. -- "Mechanical Extrusion of Cylindrical Parts of Sheet Metal (The Problems of Mechanization of Lathe-Extrusion Processes)." Min Higher Education USSR. Kazan' Aviation Inst. Kazan', 1955.
- KARADZHI, K. M. -- "Problems of Calculating Surface Errors in the Metal Structures of Bunkers." Min Higher Education USSR. Odessa Polytechnic Inst. Odessa, 1955.
- KARAKURCHI, M. I. -- "Investigation of the Strength and Elastic Properties of Separating Walls Made of Hollow Ceramics." Academy of Architecture Ukrainian SSR. Sci Res Inst of Structural Engineering. Kiev, 1955.
- KARTAVA, A. I. -- "Experimental Investigation of the Necessity for Reducing the Moments of Inertia of the Transverse Surfaces in the Linear Connections of Ship Rudder Parts and the Effect of This Reduction on General and Local Vibration of the Hull." Leningrad Shipbuilding Inst. Leningrad-Nikolayev, 1955.
- KATS, A. I. -- "Investigation of the Process of Cutting Soft Limestone." Min Higher Education USSR. Moscow Order of Labor Red-Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- KIKNADZE, L. G. -- "Subharmonic Oscillations in an Electrical Circuit with Steel." Acad Sci USSR. Power Engineering Inst imeni G. M. Krzhizhanovskiy. Acad Sci USSR. Moscow, 1955.
- KISELEV, Ye. S. -- "The Development of Efficient Supports from Preliminary Products of Prefabricated Reinforced Concrete." Min Coal Industry USSR. All-Union Sci Res Coal Inst (VUGI). Moscow, 1955.
- KOBETS, L. G. -- "The Non-Linear Theory of Elastic Open Thin-Walled Rods." Min Higher Education USSR. Khar'kov Construction Engineering Inst. Chair of Structural Mechanics. Khar'kov, 1955.

- KOZEV, A. D. -- "Investigation of Thermal Processes of Steam Piston Engines Using the Method of Replication." Leningrad Shipbuilding Inst. Leningrad, 1955.
- KOZLOV, R. V. -- "Analysis of the Electricity Consumption of Medium-Capacity Single-Bucket Excavators with AC Power Supply." Min Higher Education USSR. Dnepropetrovsk Order of Labor Red Banner Mining Inst imeni Artem. Dnepropetrovsk, 1955.
- KOZLYAKOV, V. V. -- "Calculation of the Bilge Coverings of Transport Ships." Leningrad Shipbuilding Inst. Leningrad, 1955.
- KOKORIN, O. Ya. -- "Experimental Investigation of the Effect of the Initial Parameters of Air and Water on Thermal and Mass Exchange in Oil-Burner Chambers." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- KONONOV, P. A. -- "Some Problems of the Regulation of a Piston Aircraft Engine Using Velocity and Pressure Regulators." Min Higher Education USSR. Leningrad Inst of Aviation Instrument Building. Leningrad, 1955.
- KORABLEV, A. A. -- "Investigation of the Static Electricity in the Compressed Air Networks of Mines and the Development of Methods to Combat It." Min Coal Industry USSR. All-Union Sci Res Inst of the Coal Industry (VUGI). Moscow, 1955.
- KOROVNIKOVA, V. V. -- "Investigation of the Speed of Slope Run-Off in the Initial Period of Snow-Melting." Min Higher Education USSR. Moscow Automobile and Road Inst imeni V. M. Molotov. Moscow, 1955.
- KOROTKOV, G. Ye. -- "The Problem of the Precision of Calculating Non-Articulated Continuous Arches." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obratsov. Leningrad, 1955.
- KOSENKO, I. S. -- "The Development of Prefabricated Reinforced Concrete in Industrial and Civil Construction in the USSR." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- KUDRYASHOV, V. P. -- "Investigation of the Operation of the Pulsating Mechanism to Supply Cutting Machines." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Moscow, 1955.
- KUZNETSOV, M. I. -- "Protecting the Ground from Freezing in the Working of Placer Deposits." Min Higher Education USSR. Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin. Chair of the Working of Ore and Placer Deposits. Moscow, 1955.
- KUKOLEVSKIY, B. P. -- "Modeling Streams in Order to Develop Measurement Scales." Min Higher Education USSR. Khar'kov Construction Engineering Inst. Khar'kov, 1955.
- KULIKOV, N. V. -- "The Theory, Calculation, and Scope of Application of Mine Hoist Equipment of the Ballast Type." Min Coal Industry USSR. Academy of the Coal Industry. Moscow, 1955.

- KURAYEV, V. G. -- "Theoretical and Experimental Investigation of AC Magnet Circuits Magnetized with DC Current." Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. Moscow, 1955.
- KUSOV, N. F. -- "The Problem of Increasing the Productivity of the 'Donbass' Combine under the Conditions of the Kuzbass in Working Inclined Strata 1.0-2.2 Meters in Thickness." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Moscow, 1955.
- KUYUN, A. I. -- "A Method of Complex Investigation of Thermal Phenomena in the Surface Layers of Metal during Friction and Wear, Cutting and Grinding." Acad Sci Ukrainian SSR. Inst of Structural Mechanics. Kiev, 1954.
- LAZAREV, A. I. -- "New Methods and Instruments for Investigating the Heat of Transformation and Specific Heat of Metals at High Temperatures." Min Higher Education USSR. Leningrad Inst of Precision Mechanics and Optics. Leningrad, 1955.
- LANDSMAN, S. U. -- "Systems of Operating Power-Engineering Combines on Ukrainian Brown Coal." Acad Sci Ukrainian SSR. Inst of Heat and Power Engineering. Kiev, 1955.
- LARIOKHIN, V. I. -- "Investigation of Methods of Calculating the Strength of Leaf Springs." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.
- LAKHTANOV, A. G. -- "Basic Factors Affecting the Productivity of the Process of Sawing on a Frame Saw." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Minsk, 1955.
- LEBEDEV, I. V. -- "The Hydraulics of the Compression and Expansion of a Stream Confined by the Dam Structures of a Hydroelectric Power Station." Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. Moscow, 1955.
- LEY TEN -- "Isolated Ordinary Switches and Their Placement on Curves under Conditions of the Chinese Railroads." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obratzov. Leningrad, 1955.
- LELYUK, A. A. -- "Investigation of the Effect of the Quality of Atomization on the Process of Combustion of Diesel Fuel." All-Union Correspondence Polytechnic Inst. Chair of "Automobiles, Engines, and the Automobile Economy." Moscow, 1955.
- LI LI-TSIN -- "The Problem of Standardization of Metal Span Structures for the Railroad Bridges of China." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obratzov. Leningrad, 1955.
- LISUNOV, V. I. -- "Investigation of Certain Problems in the Operation of Tractors in Preparing Irrigated Areas for Inundation under the Conditions of Rostov Oblast." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1955.

LOGINOV, A. I. -- "Increasing the Operating Efficiency of Compressor Stations." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.

LOZHKIN, B. G. -- "Investigation of the Efficiency of Form of Steel Profiles." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.

MAKAROVA, Ye. A. -- "On the Calculation of the Cruciform Winding of High-Speed Belt Machines for Wool Fiber." Min Higher Education USSR. Moscow Textile Inst. Moscow, 1955.

MALIS, A. Ya. -- "Investigation of the Vertical Air Ducts of Grain Separators." Min Higher Education USSR. Odessa Technological Inst imeni I. V. Stalin. Moscow, 1955.

MARISHCHENKO, M. V. -- "Investigation of the Operation of BCh-1 Pneumatic Loader." Min Higher Education USSR. Dnepropetrovsk Order of Labor Red Banner Mining Inst imeni Artem. Chair of Mine Construction. Dnepropetrovsk, 1955.

MARUPOV, M. -- "Seeking Possibilities for Improving the Quality of Tow Fiber of Low Varieties of Stem Ambari Hemp in Primary Processing." Min Higher Education USSR. Moscow Textile Inst. Moscow, 1955.

MEDYANTSEVA, L. L. -- "Theoretical and Experimental Determination of the Permissible Error in Preparing and Measuring Goniometers in the Checking of Angle-Measuring Instruments." Commission on Standards, Measures, and Measuring Instruments, Council of Ministers USSR. All-Union Sci Res Inst of Metrology imeni D. I. Mendeleyev. Leningrad, 1955.

MELASHENKO, I. P. -- "Investigation of the Structure and Properties of Metal-Ceramic Composition, Based on Silver and Cadmium Oxide, for Electrical Contacts." Min Electrical Engineering Industry USSR. Sci Res Inst. Moscow, 1955.

MELIK-SARKISYAN, Z. A. -- "The Movement of an Airplane in Parachuting, and Reserves of Its Energy Taking into Account the Flexion of the Wing." Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze. Moscow, 1955.

MISHCHENKO, P. D. -- "Calculation of Thin-Walled Rods of Open Profile, Taking into Account Movements of the Inner Surface." Min Higher Education USSR. Novocherkassk Polytechnic Inst imeni Sergo Ordzhonikidze. Chair of Structural Mechanics. Novocherkassk, 1955.

MOLDAVSKIY, G. Kh. -- "Investigation of the Process of Hermetization, and a New Machine for Rolling Container Glass." Moscow Technological Inst of the Food Industry. Moscow, 1955.

MONDRUS, D. B. -- "Simultaneous Induction Heating of Flat Metal Surfaces." Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov (Lenin). Leningrad, 1955.

MEN TSIN-YUAN' -- "Equipping the Railroad Right-of-Way with Tractor Trailers and Attachments under the Conditions of China." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obratsov. Leningrad, 1955.



NEVSKIY, V. A. -- "Some Features of the Surface Destruction of Concrete under the Conditions of a Hot and Dry Continental Climate." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.

NIKOLAYEVA, N. Ye. -- "Perfecting the Method of Obtaining Dry Protein from the Flesh of Maritime Mammals." Moscow Technical Inst of the Fish Industry and Economy imeni A. I. Mikoyan. Moscow, 1955.

NOVIKOV, V. A. -- "Investigation of Certain Phenomena of the Exchange of Conversations between Circuits of the Long-Distance and Subscriber Telephone Networks." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. obraz-tsov. Leningrad, 1955.

NOVIKOV, S. D. -- "Theoretical and Experimental Investigation of the Mechanism of Supply Systems for Automatic Special-Purpose Presses." Min Higher Education USSR. Moscow Machine-Tool and Tool Inst imeni I. V. Stalin. Moscow, 1955.

NOVICHKOV, V. P. -- "The Effect of Elastic Elements on the Operation of a Railroad Line." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.

NOVOZHENOV, I. S. -- "Freezing and the Resulting Deformation of Ground in the Central Urals and the Effect of This on the Depth of Foundations." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1955.

OGOL'TSOV, A. F. -- "Investigation of the Conditions for Preventing Injury in the Use of Metal Pipe Scaffolding." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Chair of Safety and Fire-Prevention Technology. Moscow, 1955.

ORLOV, I. I. -- "Investigation of the Operation of a Peat Pump in a Mass-Transport Network in the Hydraulic Method of Peat Mining." Min Higher Education USSR. Moscow Peat Inst. Chair of Hydraulic Peat Machines. Moscow, 1955.

OTSMAN, P. E. -- "The Use of 'Cyclone' Ash from the Combustion of Powdered Shale-Kukersite for Producing High-Quality Structural Parts." Min Higher Education USSR. Tallin Polytechnic Inst. Chair of Structural Designing. Tallin, 1955.

PAPP, A. L. -- "Self-Excitation in Systems of Long-Distance Electric-Power Transmission with Intermediate Compensation by Synchronous Compensators." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.

PETROV, M. A. -- "Investigation of Some Problems in the Theory of Diesel Automobiles." Min Higher Education USSR. Moscow Automobile and Road Inst imeni V. M. Molotov. Omsk, 1955.

PETROSYAN, V. Kh. -- "The Technology of High Voltages." Min Higher Education USSR. Yerevan Polytechnic Inst imeni Karl Marks. Yerevan, 1955.

POBEGAYLO, P. I. -- "The Role of Benthic Organisms in the Process of Autopurification of Reservoirs Contaminated by Sewage Water (Observations and Experiments with Tubificides)." Min Construction of Metallurgical- and Chemical-Industry Enterprises USSR. Technical Administration. All-Union Sci Res Inst of Water Supply, Sewerage, Hydraulic Structures, and Engineering Hydrogeology (VODGEO). Moscow, 1955.

POGORELOV, Yu. I. -- "Investigation of End Losses in Turbine Mixer Gratings." Min Higher Education USSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1955.

PODGORNOV, G. G. -- "The Fight against Losses of Water in the Economy." Min Higher Education USSR. Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture (TII and MSKh). Tashkent, 1955.

POLUKHIN, V. A. -- "The Problem of Wave Pressure against the Foundations of Surrounding Structures of Vertical Type." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.

POL'YEVKO, V. P. -- "Investigation of Stresses from Bending in Compressed and Expanded Parts of Principal Beams of Metal Span Structures for Railroad Bridges." Min Transport Machine Building USSR. All-Union Sci Res Inst of Railroad Construction and Planning. Moscow, 1955.

POLYAKOV, B. V. -- "Planning the Limits of Open-Pit Mines under Complex Mining-Geological Conditions." Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Chair of the Working of Ore Deposits. Tomsk, 1954.

POPOV, A. V. -- "Investigation of Variations in the Jerking of Steam Locomotives." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1955.

POPOVICH, N. A. -- "Investigation of Concrete and Reinforced-Concrete Curved Parts with Sharp Changes in Exterior Outlines." Min Higher Education USSR. Khar'kov Construction Engineering Inst. Chair of Reinforced-Concrete Structures. Khar'kov, 1955.

PORTAYEV, L. P. -- "Taking into Account Anisotropic Ground in Calculating Structures." Moscow Inst of Municipal Construction Engineers of the Moscow City Executive Committee. Moscow, 1955.

POSTNIKOV, M. V. -- "The Construction of Mine Support Geodetic Networks Using the Method of Geodetic Intersections." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Chair of Geodesy. Tomsk, 1955.

POSTNIKOV, O. K. -- "Investigation of the Basic Parameters and Methods of Calculating Cardboard-Cutting Machines." Min Higher Education USSR. Moscow Polygraphics Inst. Moscow, 1955.

POTASHNIKOVA, M. M. -- "Investigation of the Products of Petrographic Enrichments of Certain Coals from the Donbass in the Interest of Their More Efficient Technological Utilization." Min Higher Education USSR. Donets Order of Labor Red Banner Industrial Inst imeni N. S. Krushchev. Stalino, 1955.

- POCHEPTSOVA, G. G. -- "The Structure and Chemical Stability of Weld Joints of Type 18-8 Stainless Steel Containing Titanium." Min Higher Education USSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1955.
- RAYEVSKAYA, Ye. A. -- "The Bearing Capacity of I-Beams under Simultaneous Bending and Twisting." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- RAZUMOV, I. N. -- "The Problems of the Complex Mechanization of Harvesting Grain Crops on the Example of the Azov Order of Lenin MTS." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1955.
- REZNIK, M. G. -- "The Problem of the Development of the Flat-Bed Press in the Ukraine." Min Higher Education USSR. Moscow Polygraphics Inst. Moscow, 1955.
- RESHET'YAN, M. D. -- "Investigation of the Tractive and Operating Properties of the 'Belarus' Tractor on Peat Soils." Acad Sci Belorussian SSR. Department of Physicomathematical and Technical Sciences. Minsk, 1955.
- ROGOVAYA, I. A. -- "Investigation of the Thermodynamic Properties of Argon and of Argon-Nitrogen Mixtures at Low Temperatures." Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. Moscow, 1955.
- RODIN, R. A. -- "An Analysis of the Operation of Filtering Centrifuges with Centrifugal Discharge." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Moscow, 1955.
- ROMANOVA, Ye. Ya. -- "The Effect of Formation of Fissures in the Spillway and of the Water-Permeability of Channels on Filtration at the Base of Dams." Min Construction of Metallurgical- and Chemical-Industry Enterprises USSR. Technical Administration. All-Union Sci Res Inst of Water Supply, Sewerage, Hydraulic Structures, and Engineering Hydrogeology (VODGEO). Moscow, 1955.
- RUZIN, I. S. -- "Investigation of Hollow Parts Obtained by Casting in Molds Rotated around a Horizontal Axis." Min Higher Education USSR. Odessa Polytechnic Inst. Odessa, 1955.
- SABO, LASLO -- "Investigation of Current Distribution in Large Triodes." Min Higher Education. Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov (Lenin). Leningrad, 1955.
- SIMONYAN, A. A. -- "Experimental Methods of Determining Rheological Indexes in the Formation of Peat." Min Higher Education USSR. Moscow Peat Inst. Moscow, 1955.
- SLIVAK, I. M. -- "Planning the Limits of the Region of Attraction of Automobile Roads." Min Higher Education USSR. Khar'kov Automobile and Road Inst. Khar'kov, 1955.
- SOKOLOVA, L. S. -- "The Effect of Internal Climate of the Moist Sections of Textile Enterprises on Their Surrounding Structure." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.

- STASHEV, V. M. -- "The Temperature-Moisture Conditions in the Attics of Residential and Social Structures and Their Effect on the Durability of Building Materials." Moscow Inst of Municipal Construction Engineers of the Moscow City Executive Committee. Moscow, 1955.
- STEPANOV, V. A. -- "Investigation of Certain Parameters Determining the Limiting Wear on the Gear Wheels of Tractor Transmission Boxes." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1955.
- STRAMOUS, M. F. -- "Determination of Repair Gradations of Parts for the E-505 Excavator Based on Investigations of Wear." Min Transport Machine Building USSR. All-Union Sci Res Inst of Railroad Construction and Planning. Moscow, 1955.
- TAGANTSEVA, T. F. -- "Experimental Investigation of the Process of Drying Milled Peat in a Suspended State (Updraft Section)." Min Electric Power Stations USSR. All-Union Order of Labor Red Banner Heat Engineering Sci Res Inst imeni F. E. Dzerzhinskiy. Moscow, 1955.
- TARASENKO, A. Ya. -- "A Study of the Possibility of Replacing Rolled Metal by Cast Metal for Parts Operating under the Conditions of Variable Contact Stresses (Cast Wheels)." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1955.
- TIMOSHENKO, V. V. -- "The Dynamics of Mass Arc Bridges with Long Spans." Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.
- TITOV, B. M. -- "Increasing the Efficiency of Mine-Ventilating Equipment Using Compressed Air." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tomsk, 1955.
- TISHCHENKO, A. T. -- "Investigation of a Gas-Power Generator with Recirculation." Acad Sci Ukrainian SSR. Inst of Heat and Power Engineering. Kiev, 1955.
- TOLVINSKAYA, A. V. -- "The Surface Resistance of Solid Dielectrics." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.
- TOMASHEVSKAYA, L. M. -- "Investigation of the Possibility of Reducing a Cast-Iron Friction Bearing When Operated under Conditions of Fluid Friction, and Determination of Its Load Capacity." Min Higher Education. Odessa Polytechnic Inst. Odessa, 1955.
- TROUPYANSKIY, B. F. -- "Investigation of Ordinary Reinforced-Concrete Beams with Increased Reinforcement." Min Higher Education USSR. Khar'kov Construction Engineering Inst. Chair of Reinforced-Concrete Structures. Khar'kov, 1955.
- USHAKOV, V. N. -- "Measurement of the Speed of the Stream of a High-Vacuum Vapor-Oil Pump." Min Higher Education USSR. Moscow Engineering-Physics Inst. Moscow, 1955.
- FADEICHEVA, A. G. -- "The Isolation and Investigation of the Composition of Phenols of the Primary Tar of Bituminous Brown Coals from the Ukraine." Min Higher Education Ukrainian SSR. Dnepropetrovsk Chemicotechnological Inst imeni F. E. Dzerzhinskiy. Dnepropetrovsk, 1955.



- FILATOV, A. K. -- "The Surface Characteristics of Lowland Peat Deposits as Applied to Their Preparation for Mining Milled Peat." Min Higher Education USSR. Moscow Peat Inst. Moscow, 1955.
- FLEROV, V. N. -- "The Aging of Sodium-Zinc Solutions and Its Effect on Electrode Processes." Min Higher Education USSR. Gor'kiy Polytechnic Inst imeni A. A. Zhdanov. Chair of the Technology of Electrochemical Production. Gor'kiy, 1955.
- KHAPKO, V. U. -- "The Problem of Applying Hardening Processes to the Hub Portions of Railroad-Car Axles." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.
- KHOKHOTVA, N. N. -- "Investigation of the Natural Gas Content of Coal Seams." Min Higher Education USSR. Dnepropetrovsk Order of Labor Red Banner Mining Inst imeni Artem. Makeyevka, 1955.
- TSZIN' SYAN'-LAN -- "The Effect of Dry Heating on the Chemical Composition, Physical Properties, and Activity of Tobacco Enzymes." Min Higher Education USSR. Krasnodar Inst of the Food Industry. Chair of Tobacco Technology. Krasnodar, 1955.
- TSKIPURISHVILI, V. B. -- "Factors Affecting the Interaction between the Rim and the Rim Covering of Electric-Locomotive Wheel Pairs." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1955.
- CHERNOVA, N. N. -- "The Thermochemical Characteristics of the Structure of Collagens." Min Higher Education USSR. Moscow Technological Inst of Light Industry imeni L. N. Kaganovich. Moscow, 1955.
- CHIKHLADZE, G. A. -- "Automatic Regulation of the Power of Hydroelectric Power Stations in Terms of the Water Current." Min Higher Education USSR. Georgian Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tbilisi, 1955.
- CHULKOV, I. I. -- "The Centering of Parts When Placing Them on Metal-Cutting Machine Tools." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.
- CHUCHUPAKA, K. D. -- "Geodetic Work in the Complex Mechanization of Earth Work on Large Hydraulic Constructions (The Example of Constructing the Kakhovka Hydroelectric Power Plant)." Min Higher Education USSR. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Chair of Geodesy. Kharkov, 1955.
- SHAKOLA, Yu. A. -- "Protecting Measuring Equilibrating Systems from the Effect of Electric Fields." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of Measuring Instruments. Kiev, 1955.
- SHASHKOV, A. G. -- "Experimental and Theoretical Investigation of Throttle Equipment and of a Hydraulic Relay of the 'Nozzle-'Gate' Type Operating in Oil." Acad Sci USSR. Inst of Automechanics and Telemechanics. Moscow, 1955.
- SHEFTEL', B. T. -- "The Synthesis of Symmetrical Articulated Mechanisms as Applied to the Calculation of the Control Trapezia of Transport Machinery." Min Higher Education USSR. Saratov Automobile and Road Inst imeni V. M. Molotov. Saratov, 1955.

SHTEFANESKU, N. -- "The Application of the Impulse Principle of Operation to Systems of Automatic Regulation of Electrical Equipment." Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov (Lenin). Leningrad, 1955.

SHUBNIKOV, K. V. -- "Errors in Placing Parts on Milling and Boring Machines." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.

SHUR, D. A. -- "A Method of Calculating Electrical Heating Elements, and the Technical-Economic Characteristics of Electric Stoves." Min Trade USSR. Moscow Inst of the National Economy imeni G. V. Plekhanov. Moscow, 1955.

SHCHURKIN, N. A. -- "An Electromagnetic Method of Controlling Certain Processes in the Dressing of Useful Minerals." Acad Sci USSR. Inst of Mining. Moscow, 1955.

YARITSYNA, I. A. -- "A Study of Hard, Low-Intensity Gamma Rays Using the Photoneutron Effect." Commission on Standards, Measures, and Measuring Instruments, Council of Ministers USSR. All-Union Sci Res Inst of Metrology imeni D. I. Mendeleyev. Leningrad, 1955.

AGRICULTURAL SCIENCES

For the Degree of Doctor in Sciences

BUYNOSKIY, N. A. -- "The History and Modern Practice of Horse-Breeding in Siberia." Min Culture USSR. Leningrad Agricultural Inst. Leningrad, 1954.

VESELYY, V. S. -- "Basic Principles of the Agricultural Cultivation of Irrigated Land, on the Example of the Terskey Irrigation System." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement. Moscow, 1955.

SAMOYLOVICH, G. G. -- "The Use of Aviation and Aerial Photography for Studying Forests." Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.

For the Degree of Candidate in Sciences

AKIMOV, G. S. -- "Basic Principles of Breeding Brown Latvian Cattle on the Kolkhozes of the Vidzem State Breeding Farm." Acad Sci Estonian SSR. Department of Biological, Agricultural, and Medical Sciences. Tallin, 1955.

ANDRONOV, I. G. -- "The Architectonics and Growth of the Roots of Certain Crops on the Soils of the Trans-Ili Ala-Tau." Min Higher Education USSR. Kazakh State Agricultural Inst. Alma-Ata, 1955.

ANISIMOVA, V. K. -- "A Grape-Vine Sport." Min Higher Education. Odessa Agricultural Inst. Odessa, 1955.

BABIN, S. I. -- "Methods of Improving the Cultivation of Strawberries in the Southern Dnestr Region of the Moldavian SSR." Min Higher Education USSR. Kishinev Agricultural Inst imeni M. V. Frunze. Kishinev, 1955.



- BAKHTIZIN, N. R. -- "Deepening the Arable Layer of Gray Forest Soils of the Bashkir Ural Piedmont." Min Higher Education USSR. Armenian Agricultural Inst. Yerevan, 1955.
- BURNASHEVA, M. A. -- "Hybridization of Blue Lucerne." Acad Sci Tadzhik SSR. Department of Natural Sciences. Stalinabad, 1955.
- VASKAN, G. K. -- "A Study of the Effect of Mineral and Organic Fertilizers on the Growth and Crop Yield of Apples on Soils of the Peripheral 'Kodry' and Lowlands of the River Dnestr." Min Higher Education USSR. Kishinev Agricultural Inst imeni M. V. Frunze. Kishinev, 1955.
- VISHNYAKOVA, T. N. -- "Investigation of the Anatomical Structure and Physical-Mechanical Properties of Spruce Wood of Various Forms on Spruce-Blueberry Soils." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.
- VOLOVODOV, S. G. -- "The Agricultural Engineering of Protective Forest Cultivation on the Dark-Chestnut Soils of the Ukrainian SSR." Min Higher Education USSR. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Khar'kov, 1955.
- VORONTSOV, V. V. -- "The Root System of the Tea Plant and the Dynamics of Its Development." Min Higher Education USSR. Tbilisi, 1955.
- GARYUGIN, G. A. -- "Estuary Irrigation of Steppe Crop Plantations in the Azov Area." Min Higher Education USSR. Novochoerkassk Soil Improvement Engineering Inst. Novochoerkassk, 1955.
- GRUZIS, A. Ya. -- "The Effect of Drying on the Growth of Pine Forests." Acad Sci Latvian SSR. Inst of Forestry Problems. Riga, 1955.
- GUTINA, P. S. -- "Aspects of the Agricultural Engineering of Growing Oak in the Dry Steppe Parts of the Saratov Trans-Volga Region." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Fertilizers, Agricultural Engineering, and Soil Science. Moscow, 1955.
- DOBROKHOTOV, G. N. -- "The Organization and Technology of Fattening Pigs on Progressive Kolkhozes." All-Union Sci Res Inst of Animal Husbandry. Moscow, 1955.
- DOLGOV, B. S. -- "The Development of Methods of Crossing Oil-Seed Flax for Purposes of Selection and Seed-Raising." All-Union Order of Labor Red Banner Selection and Genetics Inst imeni T. D. Lysenko. Odessa, 1955.
- DUZ'-KRYATCHENKO, M. A. -- "The Selection and Multiplication of Agriculturally Valuable Types of Mulberry Tree in the Mountain Regions of the Zeravshan Watershed under the Conditions of Tashkent." Min Higher Education USSR. Tashkent Agricultural Inst. Tashkent, 1955.
- IVANENKO, V. I. -- "The Productivity of Karakul Sheep under the Conditions of the Ukrainian Forest Steppe and Methods of Increasing It." Min Higher Education USSR. Khar'kov Zootechnical Inst. Khar'kov, 1955.

- KANAPLYA, N. N. -- "A Comparative Study of the Milk Productivity of Red Tambov and Siemental Cows Raised in Structurally Different Regions." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- KIKACHEYSHVILI, R. M. -- "A Study of the Agrobiological Properties of the Chinuri Variety and Establishment of the Basic Methods of Its Agricultural Engineering." Published by the Acad Sci Georgian SSR. Min Higher Education USSR. Georgian Order of Labor Red Banner Agricultural Inst. Tbilisi, 1955.
- KISELEV, D. A. -- "The Selection of Winter Wheat in Ul'yanov Oblast." Min Higher Education USSR. Saratov Agricultural Inst. Saratov, 1955.
- KONOVALENKO, A. Ye. -- "The Effect of Two Types of Feeding on the Productivity of Swine." Min Higher Education USSR. Khar'kov Zootechnical Inst. Khar'kov, 1955.
- KORCHUNOV, V. Ye. -- "Changes in the Quality of Milk and Butter When Cows are Fed with Different Succulent and Green Fodders." All-Union Sci Res Inst of Animal Husbandry. Laboratory of the Dairy Economy. Moscow, 1955.
- KRUPENKO, S. S. -- "The Problem of the Prophylaxis of Gastrointestinal Diseases of Calves on the Kolkhozes in the Selenge GPR Region of Buryat Mongolia." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.
- KUBATIYEVA, T. G. -- "The Effect of Certain Factors on the Process of Formation of Cocoon Thread." Min Higher Education USSR. Tashkent Agricultural Inst. Tashkent, 1955.
- LAVROV, M. T. -- "The Western May Beetle on the Territory of Bryansk and Neighboring Oblasts and Measures to Combat It." Min Higher Education USSR. Voronezh Forestry Inst. Voronezh, 1955.
- LANINA, A. V. -- "The Development of Meat and Dairy Productivity in Cattle of the Kazakh Whitehead Breed." Min Higher Education USSR. Alma-Ata Zooveterinary Inst. Alma-Ata, 1955.
- LUBENETS, G. S. -- "Experiment in Growing and Preserving Seeds of Vegetable Crops and Root Fodders in Sverdlovsk Oblast." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- MAL'KOVICH, T. A. -- Author's abstract of a dissertation on an "Experiment in the Domestication of Sea Otters" presented by this zootechnician toward the academic degree of Candidate in Agricultural Sciences. Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.
- MATSNEV, G. M. -- "Investigation of the Problem of Using Females Who Have Given Birth Once in Commercial Swine Raising." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- MEN'SHIKOV, N. G. -- "The Development of Animal Husbandry in Latvia from Ancient Times to the Beginning of the Twentieth Century." Acad Sci Estonian SSR. Department of Biological, Agricultural, and Medical Sciences. Tallin, 1955.

- NIKITIN, V. Ya. -- "Biological Features of the Cherry under the Conditions of the Chuvash ASSR." Min Higher Education USSR. Gor'kiy Agricultural Inst. Cheboksary, 1955.
- NIKOLAYEVA, A. M. -- "The Fodder Significance of the Lemnaceae." Moscow Veterinary Academy, Min Higher Education. Moscow, 1955.
- PARSHIKOVA, O. S. -- "Some Physiological Features and Economically Useful Qualities of Hybrid Growing Pigs." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- PLUZHNIKOV, A. A. -- "Differentiated Feeding of Young Male and Female Horses of the Orlov Racing Breed." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.
- POPOVA, Ye. Ye. -- "The Selection of Pollenators for Apple Trees on the Basis of the Selective Process of Fertilization." Min Higher Education USSR. Saratov Agricultural Inst. Saratov, 1955.
- PRIYAMPOL'SKIY, P. K. -- "Jute in Odessa Oblast." Min Higher Education USSR. Odessa Agricultural Inst. Odessa, 1955.
- SOKOLOVA, N. I. -- "Determination of the Relief of Agricultural Land Using Automechanical Instruments." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- SOLOV'YEV, N. I. -- "Testing Types of Winter Wheat under the Conditions of Stubble Sowing." Author's abstract of a dissertation presented for defense at the Omsk Agricultural Inst imeni S. M. Kirov. Omsk, 1955.
- KHARITONOV, N. I. -- "Variations in the Massiveness of the Skeleton of Romanov Sheep Depending on the Mineral Content of the Food and Conditions of Maintenance." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.
- KHOKHLOV, F. F. -- "The Effectiveness of Feeding Hydrolysis Yeasts to Young Chicks and Adult Hens (On the Example of the Tomilin Bird Factory)." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.
- CHASHCHIN, B. V. -- "Methods of Increasing the Productiveness of Alatau Cattle on the Productive Dairy and Meat Sovkhozes of Taldy-Kurgan Oblast." Min Higher Education USSR. Alma-Ata Zooveterinary Inst. Alma-Ata, 1955.
- CHERNYKH, G. V. -- "Improving Local Horses by the Introduction of Orlov Race Horses under the Conditions of the Angara Region (Irkutsk Oblast)." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.
- SHIKHMATOVA, R. A. -- "The Detection of Pollenators and Self-Pollenators for the Basic Standard Varieties of Large Strawberries (*Fragaria grandiflora* Ehrh.) in Krasnodar Kray." Min Higher Education USSR. Kuban' Agricultural Inst. Krasnodar, 1955.
- YANOVSKIY, D. M. -- "Increasing the Germination and Viability of the Seeds of Perennial and Annual Grasses in the Arid Zone of the South-east." All-Union Order of Lenin Agricultural Academy imeni V. I. Lenin. Sci Res Inst of Fertilization, Agricultural Engineering, and Soil Science. Moscow, 1955.

YATSYNO, L. P. -- "The Growth and Renewal of Forest Bands on Ordinary Chernozems of the Central Volga Region." Min Higher Education USSR. Voronezh Forestry Inst. Voronezh, 1955.

VETERINARY SCIENCES

For the Degree of Candidate in Sciences

BAYTURINA, O. Sh. -- "Problems of the Etiology and Comparative Evaluation of the Effectiveness of Certain Therapeutic Substances in Bronchopneumonia of Calves." Min Higher Education. Alma-Ata Zooveterinary Inst. Alma-Ata, 1955.

BUKHTILOV, F. N. -- "Cattle Tuberculosis and Measures to Combat It in Minsk Oblast (1946-1952)." Min Higher Education. Moscow Veterinary Academy. Moscow, 1955.

VOROZHBITOV, I. G. -- "Paths of Drainage of Lymph from the Distal Sections of the Thoracic Extremity [sic] of the Horse, and Their Topography." Moscow Veterinary Academy, Min Higher Education USSR. Chair of Operational Surgery and Topographical Anatomy. Moscow, 1955.

GORSHKOVA, K. N. -- "Morphological Changes in Sheep Brucellosis." Min Higher Education USSR. Saratov Zootechnical-Veterinary Inst. Saratov, 1955.

DYMKO, Ye. F. -- "A Study of the Effectiveness of Certain Methods of Treating Pneumonia of Calves." Min Higher Education USSR. Alma-Ata Zooveterinary Inst. Alma-Ata, 1955.

IVANSKIY, Ye. F. -- "Partial Electrocardiography together with other Methods of Investigating the Cardiovascular System of Horses." Min Higher Education USSR. L'vov Zootechnical-Veterinary Inst. L'vov, 1955.

KUDRYAVTSEV, N. V. -- "A Pathomorphological Study of the Effectiveness of Hyperimmune Sera in Experimental Brucellosis of Laboratory Animals." All-Union Inst of Experimental Veterinary Medicine, Min Agriculture USSR. Moscow, 1955.

LENETS, I. A. -- "Rational Light Conditions for Calves in the Pasture Period." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.

OVANESOVA, N. B. -- "Data from Experimental Investigations of the Allergic Diagnosis of Tuberculosis in Chickens." Moscow Veterinary Academy, Min Higher Education USSR. Moscow-Kuz'minki, 1955.

OLENEV, V. A. -- "Material on the Establishment of Zoohygienic Norms for Planning Cattle Yards." All-Union Inst of Experimental Veterinary Medicine, Min Agriculture USSR. Moscow, 1955.

SHAYKHAMANOV, M. Kh. -- "The Diagnosis, Therapy, and Prophylaxis of Gastroenteritis in Service Dogs." Moscow Veterinary Academy, Min Higher Education USSR. Chair of the Pathology and Therapy of Internal Noninfectious Diseases. Min Higher Education USSR. Moscow, 1955.

YURISSON, E. E. -- "A Comparative Evaluation of the Effect of Certain Laxatives on Fur-Bearing Animals." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.

YURKO, A. D. -- "The Use of Norsulfazol in Acute Septic Post-Natal Complications in Horses." Min Higher Education Ukrainian SSR. Khar'kov Veterinary Inst. Khar'kov, 1955.

MEDICAL SCIENCES

For the Degree of Doctor in Sciences

ZEL'MANOVICH, A. Ya. -- "The Clinical Aspects and Diagnosis of Primary Cancer of the Lungs." First Moscow Order of Lenin Medical Inst. Moscow, 1955.

MEL'NIKOVA, T. A. -- "The Effect of Certain New Cholinolytics (Anacaine, Difacyl, and Tetamon-I) on the Secretory Functions of the Intestinal Tract (Experimental Investigation)." Leningrad Sanitary-Hygiene Medical Inst. Leningrad, 1954.

For the Degree of Candidate in Sciences

ABDULLINA, R. N. -- "The Effect of Protracted Medicinal Sleep on the Secretory, Motor, and Excretory Functions of the Stomach (Experimental Investigation)." Bashkir State Medical Inst imeni 15th Anniversary VLKSM. Ufa, 1955.

ABDUMADZHITOVA, M. A. -- "A Hygienic Evaluation of the Rye Bread Eaten by the Population of the City of Moscow." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

ABDURAKHMANOV, F. Z. -- "Arterial Blood Supply of the Red Nucleus of the Human Brain." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

ALYAKRINSKIY, V. V. -- "Material on the Study of Conditioned Inhibitory Reflexes in Children." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Laboratory of the Higher Nervous Activity of the Child. Leningrad, 1955.

ASLANLY, K. I. -- "A Study of the Effect of Masally Thermal Hydrogen-Sulfide Waters on Polyarthrititis." Azerbaydzhan State Medical Inst. Clinic of the Course of Physiotherapy and Spa Studies. Baku, 1955.

AFANAS'YEV, Yu. I. -- "The Effect of Partial Removal and Chronic Stimulation of the Cerebral Cortex on the Reactive Properties of the Spleen." Min Health USSR. First Moscow Order of Lenin Medical Inst. Moscow, 1955.

BABAYEV, O. G. -- "Material on the Study of the Time of Blood Circulation during Operations." Turkmen Medical Inst imeni I. V. Stalin. Ashkhabad, 1955.

BEREZIN, A. I. -- "On the Reflex Effects of Insulin (Experimental Investigation)." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1955.



- BLAGOSKLONNAYA, Ya. V. -- "The Role of Nervous and Endocrine Factors in the Pathogenesis of Climacteric Neurosis." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Leningrad, 1955.
- BLOKHAS, Ts. V. -- "Medical-Expert Evaluation of Injuries to the Pelvis and Lower Extremities." First Moscow Order of Lenin Medical Inst. Moscow, 1955.
- BOBROVA, T. I. -- "A History of the Clinic of Nervous Diseases at the First Moscow Order of Lenin Medical Inst." First Moscow Order of Lenin Medical Inst. Moscow, 1955.
- BULUSASHVILI, R. V. -- "Structural Changes in the Nervous System in Induced Cancer of the Skin." Georgian State Publishing House for Medical Literature. Tbilisi State Medical Inst. Tbilisi, 1955.
- VARES, E. Ya. -- "The Reaction of the Connective Tissue to Polymethyl Metacrylate and the Reaction of the Periodontal Tissue to Implantation of Artificial Teeth." First Moscow Order of Lenin Medical Inst. Moscow, 1955.
- VOROB'YEVA, Ye. S. -- "Observations of the Dynamics of Prothrombin in Cardiovascular Diseases." Kazan' State Medical Inst. Chair of Internal Diseases, Kazan' State Inst for the Advanced Training of Physicians imeni V. I. Lenin. Kazan', 1955.
- GALKIN, V. A. -- "Blood-Letting in Hypertonic Disease." First Moscow Order of Lenin Medical Inst. Moscow, 1955.
- GANIN, M. P. -- "The Motor Activity of the Bile-Secreting Apparatus of the Liver in Experimental Hyper- and Hypo-Thyrosis." Tomsk State Medical Inst imeni V. M. Molotov. Chair of Normal Physiology. Tomsk, 1955.
- GOLOVINA, N. F. -- "The Combined Effect of Antibiotics and Ultra Short Waves on Staphylococci." Khar'kov Medical Inst. Khar'kov, 1955.
- GRISHUKOVA, M. Kh. -- "On Mechanisms of the Temperature Reaction and Disorders of Blood Circulation in the Lungs Following Injection of Pyrogenic Stimuli in the Kidneys." Inst of Experimental Medicine. Acad Sci USSR. Leningrad, 1955.
- GUDZOVSKAYA, Yu. M. -- "Regeneration of a Peripheral Nerve in Gross Defects, and the Role of Homotransplants and Medicinal Sleep in This Process." Kirgiz State Medical Inst. Frunze, 1955.
- DATSKOVSKIY, B. M. -- "Material on the Problem of the Preventive Treatment of Syphilis." Molotov State Medical Inst. Molotov, 1955.
- DEMENT'YEVA, S. F. -- "Methods of Investigating Cuts in the Small Hollow Bones." Khabarovsk State Medical Inst. Khabarovsk, 1955.
- DEM'YANENKO, D. V. -- "Material on the Etiology, Pathogenesis, and Diagnosis of Surface Yeast Mycoses of the Ectoderm." Khar'kov Medical Inst. Khar'kov, 1955.
- DYUKOVA, A. L. -- "The Effect of the Vegetative Nervous System on the Permeability of the Erythrocytes in the Dog to Ascorbic Acid." Kazakh State Medical Inst imeni V. M. Molotov. Alma-Ata, 1955.



- YEGURNOVA, T. K. -- "Experience in Operating Health Installations in the Fight against Dysentery." Khar'kov Medical Inst. Khar'kov, 1955.
- YEDINYY, Yu. G. -- "Ectopia of the Apertures of the Urinary Tract in Women." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Urological Clinic. Kiev, 1954.
- YEREMEYEVA, N. M. -- "The Effect of Stimulation of the Brain on the Functional Activity of the Reticuloendothelium." Min Health Ukrainian SSR. Dnepropetrovsk State Medical Inst. Kursk, 1955.
- YESELEVICH, A. Ya. -- "Hyaluronidase of Staphylococci Isolated in Cases of Chronic Wound Processes." Kazan' Sci Res Inst of Orthopedics and Restorative Surgery. Kazan', 1955.
- YESYUTINA, O. S. -- "The Effect of Lead Intoxication on the Central Nervous System in the Development of Experimental Cancer." Inst of Physiology, Inst of Regional Pathology, Inst of Clinical and Experimental Surgery, Acad Sci Kazakh SSR. Alma-Ata, 1955.
- YEFIMOV, A. S. -- "Hypnotherapy in Cardiovascular Neuroses and Early Stages of Hypertonic and Coronary Disease." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.
- ZVEREVA, A. G. -- "The Monocytic Reaction in Malaria of Children." Min Health RSFSR. Kuybyshev State Medical Inst. Kuybyshev, 1955.
- ZEMBITSKAYA, Z. S. -- "The Dynamics of Gas Exchange and Energy Losses in Women during the Birth Process." Min Health Ukrainian SSR. Dnepropetrovsk State Medical Inst. Kiev, 1955.
- ZNAMENSKAYA, A. N. -- "A Study of the Development of Temporary Connections in Relation to Spatial Stimulini Young Children." Inst of Physiology imeni I. P. Pavlov, Acad Sci USSR. Leningrad, 1955.
- ZOLOTOV, P. A. -- "The Hygienic Characteristics of the Microclimate of Classrooms with Eastern, Southern, Western, and Northern Exposures in the City of Gor'kiy." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.
- IVANCHENKO, V. P. -- "The Sympathetic Nerves of the Thoracic Portion of the Digestive Tract." Tomsk State Medical Inst imeni V. M. Molotov. Tomsk, 1955.
- ISAYEVA, L. A. -- "Increasing the Effectiveness of Penicillin in Pneumonia of Young Children." First Moscow Order of Lenin Medical Inst. Chair of Children's Diseases. Moscow, 1955.
- KALNYN', M. A. -- "The Effect of Denervation of the Spleen on the Processes of Blood Formation (Experimental Investigation)." Inst of Experimental Medicine, Acad Sci Latvian SSR. Riga, 1955.
- KAMILOV, M. -- "Some Antibiotics in the Treatment of Ulcerous Blepharitis." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1955.
- KAPSKAYA, Ye. I. -- "The Effect of Mineral Water No 1 from the Truskavets Spa on the Secretory and Evacuator-Motor Functions of the Stomach (Experimental-Physiological Investigation)." Kishinev State Medical Inst. Kishinev, 1955.

- KASHANOVA, N. I. -- "The Serological Characteristics of Flexner's Microbes Isolated in the Insular and Coastal Regions of the Far East." Military Faculty, Central Inst for the Advanced Training of Physicians. Chair of Military Epidemiology. Moscow, 1955.
- KLIMOVETS, Yu. A. -- "The Morphology of the Upper Maxillary Sinuses." Kazakh State Medical Inst imeni V. M. Molotov. Alma-Ata, 1955.
- KNIRIK, G. S. -- "Pathogenic Principles of Surgical Treatment of the Results of Firearm Wounds to the Sciatic Nerve at Long Intervals after the Injury." Kazan' State Medical Inst. Kazan' State Sci Res Inst of Orthopedics and Restorative Surgery. Kazan', 1955.
- KOLENKO-LEGEZO, N. A. -- "Transfusion of Globular Material in the Clinic in Suppurative and Septic Diseases." Khar'kov Medical Inst. Khar'kov, 1955.
- KORNILAYEV, G. P. -- "The Tactics of Surgical Treatment of Inguinal and Pelvic Hernias Based on Clinical Data." Bashkir State Medical Inst imeni 15th Anniversary VLKSM. Ufa, 1955.
- KOSTINENKO, L. A. -- "The Problem of the Functional State of Higher Nervous Activity in the Early Stage of Hypertonic Disease." Crimean State Medical Inst imeni Stalin. Simferopol', 1955.
- KOSTYUK, V. I. -- "A Comparative Evaluation of Various Methods of Investigating the Functional State of the Cardiovascular System." Khar'kov Medical Inst. Khar'kov, 1955.
- KRASIL'NIKOVA, M. V. -- "The Biological Properties of Streptococci of Various Origins." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.
- KUDRYAVTSEVA, M. D. -- "Oxyhemometric Investigation of the Saturation by Oxygen of the Arterial Blood of Children Afflicted with Whooping Cough." Leningrad Pediatrics Medical Inst. Leningrad, 1955.
- KUZNETSOV, F. D. -- "Reflex Influences from the Uterus on the Organs of Respiration and Blood Formation." L'vov State Medical Inst. L'vov, 1955.
- KUZ'MIN, M. K. -- "The Achievements of Soviet Medicine and Biology in the Works of Academician F. V. Ovsyannikov and His Students." First Moscow Order of Lenin Medical Inst. Moscow, 1955.
- LEONT'YEVA, Ye. K. -- "Methods of Prophylaxis of Infectious Post-Natal Diseases as Viewed in Historical Perspective." First Leningrad Medical Inst imeni Academician I. P. Pavlov. Chair of Obstetrics and Gynecology. Leningrad, 1955.
- LISOVSKIY, F. M. -- "Duodenal Stasis in Lambliasis and Opisthorchosis." Tomsk State Medical Inst imeni V. M. Molotov. Tomsk, 1955.
- MANUKYAN, K. G. -- "The Content and Metabolism of Nucleic Acids and Phospholipids in the Rabbit Brain during Ontogenesis." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Laboratory of Comparative Biochemistry of the Central Nervous System. Leningrad, 1955.
- MASLOVSKAYA, A. I. -- "Plastic Surgery of the Skin in Injuries, and Its Consequences." Acad Sci Latvian SSR. Inst of Experimental Medicine. Riga, 1955.

MASOL'NIKOVA, T. K. -- "A Study of the Infection of the Soil with Geohelminth Eggs in Various Parts of Leningrad Using Various Systems of Sewage Removal." Min Health RSFSR. Leningrad Sanitary-Hygiene Medical Inst. Leningrad, 1955.

MGELADZE, N. V. -- "Changes in the Oxidation-Reduction Processes in Patients with Diseases of the Cardiovascular System under the Influence of Climatic-Balneological Factors at the Avadkhar Spa." Tbilisi State Medical Inst. Sukhumi, 1955.

MEL'NIKOV, L. A. -- "The Serodiagnosis and Comparative Immunology of Vesicular Rickettsiosis." Acad Med Sci USSR. Moscow, 1955.

MILYAVSKIY, A. I. -- "The Problem of the Role of the Nervous System in the Pathogenesis and Treatment of Staphylococcal Dermatitis." Crimean State Medical Inst imeni I. V. Stalin. Simferopol', 1955.

MUKSINOVA, K. N. -- "The Phagocytic Activity of Blood Leukocytes of Animals in Various Functional States of the Cerebral Cortex." Bashkir State Medical Inst imeni 15th Anniversary VLKSM. Ufa, 1955.

MURASHKINA, K. P. -- "Functional Diagnosis of the Dynamics of the Restoration of the Ovarian-Menstrual Cycle in Women Following Childbirth, Based on Cytological Investigations." Turkmen State Medical Inst imeni I. V. Stalin. Ashkhabad, 1955.

NAKHIBASHEVA, P. M. -- "Aspects of the Course of Scarletina in Children with Chronic Tonsillitis." Order of Labor Red Banner Inst of Pediatrics, Acad Med Sci USSR. Moscow, 1955.

NEBERA, M. G. -- "A Comparative Evaluation of the Effectiveness of Sulfanilamide Preparations and Sanazin in Treating Patients with Acute Dysentery." Min Health Ukrainian SSR. Dnepropetrovsk State Medical Inst. Khar'kov, 1955.

NESTERINA, A. F. -- "Therapeutic Physical Culture in the Complex Treatment of Children Afflicted with Rheumatism." Second Moscow Medical Inst imeni I. V. Stalin. Moscow, 1955.

NOVIKOV, V. V. -- "The Tracheobronchial Tree in Pulmonary Tuberculosis as Shown by Roentgenology (Roentgenological-Pathological-Anatomical and Clinical-Roentgenological Investigation)." Min Health USSR. Leningrad Pediatrics Medical Inst. Leningrad, 1955.

NOVIKOV, I. I. -- "Arterial Blood Supply of the Pons Varolii of the Human Brain." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

OGANESYAN, V. O. -- "The Clinical Aspects and Treatment of Malaria Psychoses." Yerevan State Medical Inst. Republic Psychoneurological Clinical Hospital. Republic Psychoneurological Dispensary. Yerevan, 1955.

PAK, N. R. -- "Surgical Treatment of Echinococcal Disease of the Lungs." Kazakh State Medical Inst imeni V. M. Molotov. Alma-Ata, 1955.

PERELYGIN, V. M. -- "Problems of the Sanitary Characteristics of Sugar Factories of Kirgizia." Kirgiz State Medical Inst. Frunze, 1955.

POROKHOVA, V. Ya. -- "Methods of Studying Disorders and Restoring the Motor Functions Using Therapeutic Physical Culture together with the Physical Factors of Patients Suffering from the Results of Brain Injuries." First Moscow Order of Lenin Medical Inst. Moscow, 1955.

PORTNOV, F. G. -- "Some Functional-Dynamic Indexes in Patients with Hypertonic Disease When Treated at the Riga Seashore." Acad Sci Latvian SSR. Inst of Experimental Medicine. Riga, 1955.

PROSTETOVA, N. P. -- "Vaccine Therapy of Experimental Brucellosis." Rostov na Donu State Medical Inst. Rostov na Donu, 1955.

RAZIKOV, A. R. -- "The Effectiveness of Placing Children with Weakened Health in Sanitary-Recuperative Centers." First Moscow Order of Lenin Medical Inst. Moscow, 1955.

REMIZOVA, Z. A. -- "On the Course of 'Chronic' Forms of Dysentery in Young Children, and Problems of Its Treatment." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

RESHETNIKOVA, A. D. -- "Changes in the Cardiovascular System in Measles among Children." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

SAZHINA, K. A. -- "Aspects of Blood Supply of the Cervical Portion of the Vagus Nerve in Man and Certain Mammals." Min Health RSFSR. Moscow Medical Stomatological Inst. Moscow, 1955.

SIROTIN, B. Z. -- "Reflexes with Chemoreceptors of the Mesenteric Veins." Khabarovsk State Medical Inst. Khabarovsk, 1954.

SMETANKIN, G. N. -- "Changes in Higher Nervous Activity in Dogs under the Influence of Various Doses of Acetylcholine." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.

SNESHKO, L. I. -- "The Role of the Spleen in the Dynamics of a Cancer Suppressor (Experimental Investigation)." Min Health Ukrainian SSR. Dnepropetrovsk State Medical Inst. Dnepropetrovsk, 1955.

STEPANOVA, M. P. -- "The Development of the Pelvic Skeleton in the Embryonic Period of Man." Min Health RSFSR. Stalingrad State Medical Inst. Stalingrad, 1955.

STREZH, N. P. -- "Basic Factors in the Epidemiology of Ascaridosis and Trichocephaliasis in the City of Gor'kiy and the Development of Methods of Exterminating Soil Helminths." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.

SUVOROVA, L. V. -- "On the Reactive Inhibition of Cellular Fission in Animals, and the Development of the Capacity for This during Ontogenesis." First Leningrad Medical Inst imeni Academician I. P. Pavlov. Chair of Histology and Embryology. Leningrad, 1955.

TAGIYEVA, S. A. -- "Some Biochemical Changes in Malarial Coma." Azerbaydzhan State Medical Inst. Baku, 1955.

TELICHENAS, A. I. -- "On the Reflex Mechanism of the Fever Reaction." Inst of Experimental Medicine, Acad Med Sci USSR. Leningrad, 1955.

TERENT'YEV, G. V. -- "The Surgical Anatomy of the Deep Femoral Artery, with Aspects of Collateral Blood Circulation (Anatomical and Experimental Investigation)." Odessa State Medical Inst imeni N. I. Pirogov. Odessa, 1955.

FADEYEVA, M. A. -- "Changes in the Nervous System of Acute Basilar Dysentery in Pre-School Children." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

FLEROVSKIY, I. A. -- "The Treatment of Femoral Breaks According to the Method of I. K. Spizharnyy (Experimental-Clinical Observations)." Khabarovsk State Medical Inst. Chair of Faculty Surgery. Khabarovsk, 1954.

FROLOVA, L. Ye. -- "Noma and Its Consequences (Clinical Aspects and Treatment)." Min Health RSFSR. Moscow Medical Stomatological Inst. Moscow, 1955.

KHAKIMOVA, A. M. -- "A Study of the Natural Content of Cobalt in the Soil and Food Products of the TASSR and MASSR." Kazan' State Medical Inst. Kazan', 1955.

TSABADZE, G. V. -- "The Problem of Treating Hypertonic Disease with Varying Doses of Sodium Bromide." Published by the Acad Sci Georgian SSR. Tbilisi State Medical Inst. Tbilisi, 1955.

TSZIN' SIN'-CHZHUN -- "Public Health in the Chinese People's Republic." First Moscow Order of Lenin Medical Inst. Moscow, 1955.

CHEKUROV, P. R. -- "A Comparative Experimental Evaluation of Certain Methods of Combating Hemotransfusion Shock." Inst of Physiology, Inst of Regional Pathology, Inst of Clinical and Experimental Surgery, Acad Sci Kazakh SSR. Alma-Ata, 1955.

CHERNOVA, O. G. -- "Toxic Granularity of Blood Neutrophils in Syphilis and Its Treatment." Min Health RSFSR. Kuybyshev State Medical Inst. Clinic of Skin and Venereal Diseases. Kuybyshev, 1955.

CHERNUKHINA, M. P. -- "The Use of Sleep to Treat Schizophrenia." Khabarovsk State Medical Inst. Chair of Psychiatry. Khabarovsk, 1954.

CHETVERIKOVA, V. N. -- "The Prophylaxis and Treatment of Chemical Burns among Workers in the Mining Industry of Krivoy Rog Basin (Clinical-Experimental Investigation)." Dnepropetrovsk State Medical Inst. Dnepropetrovsk, 1955.

CHESREVA, N. P. -- "Material on the Clinical Aspects and Vaccine Therapy of Chronic Bacterial Dysentery." Voronezh State Medical Inst. Voronezh, 1955.

CHZHEN, O. -- "Reactive Changes in the Process of Cellular Fission in Various Tissues of Rats under the Influence of Conditioned and Unconditioned Stimuli." First Leningrad Medical Inst imeni Academician I. P. Pavlov. Chair of Histology and Embryology. Leningrad, 1955.

CHIZHIKOV, A. S. -- "The Functional State of the Kidneys in Hypertonic Disease." Minsk State Medical Inst. Minsk, 1955.

SHUGAYLO, V. T. -- "Some Aspects of the Active Sources of Two Local Soil Actinomycetes." Min Health Ukrainian SSR. Dnepropetrovsk State Medical Inst. Dnepropetrovsk, 1955.

SHUSHKOV, D. A. -- "The Treatment of Gas Infection under Wartime and Peacetime Conditions." Acad Sci Latvian SSR. Inst of Experimental Medicine. Riga, 1955.

SHEN YUY-TSZUN -- "The Use of Protracted Sleep to Treat Certain Forms of 'Obtrusive' States." First Moscow Order of Lenin Medical Inst. Moscow, 1955.

YASTREBOVA, T. A. -- "Certain Morphological Aspects of the Form and Structure of the Surgical Portion of the Spinal Column Worthy of the Clinician's Attention." Min Health RSFSR. Saratov State Medical Inst. Saratov, 1955.

YATEL', T. P. -- "Aspects of Certain Immunity Reactions in Ontogenesis." Acad Med Sci USSR. Kiev, 1955.

PHARMACEUTICAL SCIENCES

For the Degree of Candidate in Sciences

BUL'VAROVA, Z. I. -- "Pharmacognostic Investigation of the Plantains (Plantago major L., Plantago lanceolata L., Plantago psyllium L.)." Min Health USSR. Moscow Pharmaceutical Inst. Moscow, 1955.

MITRYAGINA, S. F. -- "Investigation of Thebaine." Min Health USSR. Moscow Pharmaceutical Inst. Moscow, 1955.

PEDAGOGICAL SCIENCES

AGEYKIN, I. A. -- "Methods of Mastering the Rules and Definitions of Morphology in the Fifth and Sixth Classes (The Composition of the Word and the Subject Portions of the Sentence)." Min Education RSFSR. Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1955.

BALAYEVICH, A. A. -- "Experience in Investigating the Effectiveness of Various Methods of Training Racing Skiers in the Basic Period under the Conditions of the Mountain Village of Bakuriani." State Order of Lenin and Order of Labor Red Banner Inst of Physical Culture imeni P. F. Lesgaft. Leningrad, 1955.

BLIZNYUK, S. L. -- "The Connection between Theory and Practice in the Training of Pupils." Kiev State U imeni T. G. Shevchenko. Kiev, 1954.

BUROV, A. A. -- "The First General Schools in Russia in the First Quarter of the Eighteenth Century and Their Further Development." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Pedagogy. Leningrad, 1955.

VELIKHANLY, I. I. -- "Methods of Assigning and Checking Homework in the Fifth through Seventh Classes of Intermediate School." Azerbaydzhan State Pedagogical Inst imeni V. I. Lenin. Baku, 1955.

- GILZENRATKH, B. -- "Teaching Patriotism by Means of Homework in Soviet Children's Literature among Young Pupils." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1955.
- GLADKOVA, V. M. -- "The System of Lexical Exercises in Teaching Reading and Translation to Students of the First and Second Courses of Non-Language Vuzes." Min Higher Education USSR. First Moscow State Pedagogical Inst of Foreign Languages. Moscow, 1955.
- GURGENIDZE, D. Kh. -- "Principles and Methods of Checking and Evaluating the Knowledge of Students in the Soviet School." Published by the Inst. Sci Res Inst of Pedagogical Sciences, Min Education Georgian SSR. Tbilisi, 1955.
- DMITRIYEV, A. Ye. -- "Teaching Skills and Habits through the Lesson System." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1955.
- YERASTOV, N. P. -- "Psychological Principles of Forming the Habit of Expressing Thoughts in One's Own Words among Pupils." Academy of Pedagogical Sciences RSFSR. Inst of Psychology. Moscow, 1955.
- ZATVORNITSKAYA, A. V. -- "Individual Aspects of Attention in the Light of I. P. Pavlov's Doctrine of the Types of Higher Nervous Activity." Odessa State U imeni I. I. Mechnikov. Odessa, 1955.
- IZVEKOVA, K. T. -- "Working with Books in the Hospitals during the Great Patriotic War of the Soviet Nation (1941-1945)." Moscow State Library Inst imeni V. M. Molotov. Moscow, 1955.
- KISLENKO, Yu. K. -- "Elements of Speech Habits in Teaching Foreign Languages in Non-Language Vuzes (German Language)." First Leningrad State Pediatrics Inst of Foreign Languages. Leningrad, 1955.
- KOLESOVA, A. M. -- "The Individual Approach to Pupils in the Primary School as a Means of Enhancing Success (Based on Material from the Third Class)." Leningrad State Pedagogical Inst imeni Gertsen. Chair of Pedagogy. Leningrad, 1955.
- KONEV, A. N. -- "The Role of the Pioneer Groups in the Formation of Moral Convictions among Pioneers in the Fifth through Seventh Classes." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1955.
- KREYMER, A. M. Ya. -- "On Certain Aspects of Lecturing in Mathematics in the Schools of Working Youth." Min Education Azerbaydzhan SSR. Azerbaydzhan State Pedagogical Inst imeni V. I. Lenin. Baku, 1955.
- LEGOTIN, B. V. -- "The Content, Form, and Methods of Organization of Mass Work on Technology in the Pioneer Groups of the Sixth and Seventh Classes." Academy of Pedagogical Sciences RSFSR. Sci Res Inst of the Theory and History of Pedagogy. Moscow, 1955.
- LOKTYUSHINA, L. A. -- "The Concept of Mass in the Physics Course at the Intermediate School." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1955.
- LUR'YE-DERSKIY, A. Ya. -- "A Study of the Phonetics and Composition of the Word in the Fifth Class of the Russian Intermediate School (Theory and Practice)." Kuybyshev State Pedagogical Inst imeni V. V. Kuybyshev. Voroshilovgrad, 1953.

MAKLYAK, N. M. -- "The Psychology of the Mastery of Arithmetic Operations by Students of the First Class." Min Higher Education USSR. Odessa State U imeni I. I. Mechnikov. Odessa, 1955.

MOLCHANOVA, M. A. -- "The Preparation of Pupils in the Class for the Completion of Their Homework." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1955.

NOSOLYUK, V. N. -- "Electromagnetic Oscillations and Waves in the Physics Course at the Intermediate School." Min Education Ukrainian SSR. Kiev State Pedagogical Inst imeni Gor'kiy. Kiev, 1955.

PETROVA, G. A. -- "Teaching Artistic Taste in Lessons and in Homework on the Basis of Literature, as One of the Pedagogic Tasks of the Literature Course in the Intermediate School." Min Higher Education USSR. Kazan' State U imeni V. I. Ul'yanov-Lenin. Kazan', 1955.

POTANINA, G. L. -- "The Doctrine of Attention of the Progressive Russian Psychologists at the End of the 19th and the Beginning of the 20th Centuries." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1955.

SAVENKO, V. S. -- "The Study of the Writings of V. V. Mayakovskiy in the Tenth Class of the Intermediate School." Kiev State Pedagogical Inst imeni A. M. Gor'kiy. Kiev, 1955.

SVESHNIKOVA, Ye. A. -- "The Principles of Respect and Necessity in the Moral Training of Students in the Soviet School." Kiev State U imeni T. G. Shevchenko. Simferopol', 1955.

SMALYUGA, O. N. -- "The Mastery by Students in the Third and Fourth Classes of the Auxiliary School of the Ability to Solve Simple Arithmetic Problems." Kiev State Pedagogical Inst imeni A. M. Gor'kiy. Kiev, 1955.

TAMBIYEV, S. G. -- "The Effectiveness of Systematic Physical Exercises with Adolescents and Young Students from Ages 15 to 18." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1955.

TROFIKOVA, V. V. -- "The Study of the Writings of V. V. Mayakovskiy in the Tenth Class of the Intermediate School." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1955.

UMANSKIY, L. I. -- "Experimental Investigation of the Individual-Typological Features of Older Pre-School Children." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1955.

TSVID, F. A. --- "The Functional Dependence of Quantities in the School Mathematics Course in Connection with Problems of Polytechnic Training in the General School (Based on Material from the Advanced Algebra Classes)." Moscow Oblast Pedagogical Inst. Moscow, 1955.

ARCHITECTURAL SCIENCES

For the Degree of Candidate in Sciences

BILCHYURESKU, VIRDZHIL -- "Rumanian Monumental Architecture in Moldavia in the 14th through 16th Centuries." Moscow Architecture Inst. Moscow, 1955.



TUKANOV, V. P. -- "Monuments in Soviet City Building." Moscow Architecture Inst. Moscow, 1955.

* * *